

- 211 journal articles (1-211)
- 20 book chapters and edited books (212-231)
- 62 reports, open access databases, dissertation (232-293)
- 130 outreach and engagement examples (294-423)

Journal articles

Usually, lead authors are the first 1-2 and senior author is the last in the author list.

2023

1. Hambäck, P.A., Dawson, L., Geranmayeh, P., Jarsjö, J., Kačergytė, I., Peacock, M., Collentine, D., Destouni, G., Futter, M., Hugelius, G., Hedman, S., Jonsson, S., Klatt, B.K., Lindström, A., Nilsson, J.E., Pärt, T., Schneider, L.D., Strand, J.A., Urrutia-Cordero, P., Åhlén, D., Åhlén, I., Blicharska, M., Tradeoffs and synergies in wetland multifunctionality: A scaling issue, *Science of The Total Environment*, 862, 160746, 2023.
<https://doi.org/10.1016/j.scitotenv.2022.160746>

2022 – 7 papers

2. Kåresdotter, E., **Destouni, G.**, Ghajarnia, N., Lammers, R. B., Kalantari, Z., Distinguishing direct human-driven effects on the global terrestrial water cycle. *Earth's Future*, 10, e2022EF002848, 2022. <https://doi.org/10.1029/2022EF002848>
- **Highlighted in** Sidik, S. M. (2022), How we're reshaping global water storage, *Eos*, 103, <https://doi.org/10.1029/2022EO220459>. Published on 21 September 2022.
3. Åhlén, I., Thorslund, J., Hambäck, P., **Destouni, G.**, Jarsjö, J., Wetland position in the landscape: Impact on water storage and flood buffering. *Ecohydrology*, e2458, 2022.
<https://doi.org/10.1002/eco.2458>
4. Moshir Panahi D, **Destouni G**, Kalantari Z, Zahabiyoun B, Distinction of driver contributions to wetland decline and their associated basin hydrology around Iran, *Journal of Hydrology: Regional Studies*, 42, 101126, 2022.
<https://doi.org/10.1016/j.ejrh.2022.101126>
5. Vigouroux G, **Destouni G**, Gap identification in coastal eutrophication research – Scoping review for the Baltic system case, *Science of the Total Environment*, 839, 156240, 2022.
<https://doi.org/10.1016/j.scitotenv.2022.156240>
6. Smith P, Qin Z, Lovelock CE, Joly CA, Kalantari Z, **Destouni G**, Duguma L, Decarbonizing through nature, *One Earth*, 5 (5), 449-451, 2022.
<https://doi.org/10.1016/j.oneear.2022.05.001>
7. Basu NB, Van Meter KJ, Byrnes DK, Van Cappellen P, Brouwer R, Jacobsen BH, Jarsjö J, Rudolph DL, Cunha MC, Nelson N, Bhattacharya R, **Destouni G**, Olsen SB., Managing Nitrogen Legacies to Accelerate Water Quality Improvement, *Nature Geoscience*, 15, 97-105, 2022. <https://www.nature.com/articles/s41561-021-00889-9>
8. Ferreira CSS, Seifollahi-Aghmiuni S, **Destouni G**, Ghajarnia N, Kalantari Z, Soil degradation in the European Mediterranean region: Processes, status and consequences. *Science of the Total Environment*, 805, 150106, 2022.
<https://doi.org/10.1016/j.scitotenv.2021.150106>

2021 – 19 papers

9. **Destouni G**, Cantoni J, Kalantari Z, Distinguishing active and legacy source contributions to stream water quality: Comparative quantification for chloride and metals, *Hydrological Processes*, 35, e14280, 2021. <https://doi.org/10.1002/hyp.14280>
10. Chen Y, **Destouni G**, Goldenberg R, Prieto C, Nutrient source attribution: Quantitative typology distinction of active and legacy source contributions to waterborne loads, *Hydrological Processes*, 35, e14284, 2021. <https://doi.org/10.1002/hyp.14284>
11. Albert JS, **Destouni G**, Duke-Sylvester SM, Magurran AE, Oberdorff T, Reis RE, Winemiller KO, Ripple WJ, Scientists' warning to humanity on the freshwater biodiversity crisis, *Ambio*, 50, 85-94, 2021. <https://doi.org/10.1007/s13280-020-01318-8>

12. Ghajarnia N, Kalantari Z, **Destouni G**, Data-Driven Worldwide Quantification of Large-Scale Hydroclimatic Covariation Patterns and Comparison with Reanalysis and Earth System Modeling, *Water Resources Research*, 57(10), e2020WR029377, 2021.
<https://doi.org/10.1029/2020WR029377>
13. Goldenberg R, Kalantari Z, **Destouni G**, Comparative quantification of local climate regulation by green and blue urban areas in cities across Europe, *Scientific Reports*, 11:23872, 2021. <https://doi.org/10.1038/s41598-021-03140-y>
14. Ma Y, **Destouni G**, Kalantari Z, Omazic A, Evengård B, Berggren C, Thierfelder T, Linking climate and infectious disease trends in the Northern/Arctic Region, *Scientific Reports*, 11, 1–9, 2021. <https://www.nature.com/articles/s41598-021-00167-zc>
15. Kåresdotter E, **Destouni G**, Ghajarnia N, Hugelius G, Kalantari Z, Mapping the vulnerability of Arctic wetlands to global warming, *Earth's Future*, 9, e2020EF001858, 2021. <https://doi.org/10.1029/2020EF001858>
16. Darvishi M., **Destouni G.**, Aminjafari S., Jaramillo F., Multi-Sensor InSAR Assessment of Ground Deformations around Lake Mead and Its Relation to Water Level Changes, *Remote Sensing* 13, 406, 2021. <https://doi.org/10.3390/rs13030406>
17. Page J, Kåresdotter E, **Destouni G**, Pan H, Kalantari Z, A more complete accounting of greenhouse gas emissions and sequestration in urban landscapes, *Anthropocene*, 34, 100296, 2021. <https://doi.org/10.1016/j.ancene.2021.100296>
18. Kreplin HN, Ferreira CSS, **Destouni G**, Keestra SD, Salvati L, Kalantari Z, Arctic wetland system dynamics under climate warming, *WIREs Water*, 8, e1526, 2021.
<https://doi.org/10.1002/wat2.1526>
19. Scaini A, Scaini C, Frentress J, **Destouni G**, Manzoni S, Linking the 2030 Agenda for Sustainable Development to Research, Newspapers, and Governance: The Case of the Last Free-Flowing Alpine River, *Frontiers in Environmental Science* 9, 553822, 2021.
<https://doi.org/10.3389/fenvs.2021.553822>
20. Vigouroux G, Kari E, Beltrán-Abaunza JM, Uotila P, Yuan D, **Destouni G**, Trend correlations for coastal eutrophication and its main local and whole-sea drivers – Application to the Baltic Sea, *Science of the Total Environment*, 779, 146367, 2021.
<https://doi.org/10.1016/j.scitotenv.2021.146367>
21. Tiller, R.G., **Destouni, G.**, Golumbeanu, M., Kalantari, Z., Kastanidi, E., Lazar, L., Lescot, J.M., Maneas, G., Martínez-López, J., Notebaert, B., Seifollahi-Aghmiani, S., Timofte, F., de Vente, J., Vernier, F., de Kok, J.L., Understanding stakeholder synergies through system dynamics: Integrating multi-sectoral stakeholder narratives into quantitative environmental models. *J. Frontiers in Sustainability*, 2, 701180, 2021.
<https://doi.org/10.3389/frsus.2021.701180>
22. Evengård B, **Destouni G**, Kalantari Z, Albiñá A, Björkman C, Bylund H, Jenkins E, Koch A, Kukarenko N, Leibovici D, Lemmityinen J, Menshakova M, Mulvad G, Nilsson LM, Omazic A, Pshenichnaya N, Quegan S, Rautio A, Revich B, Rydén P, Sjöstedt A, Tokarevich N, Thierfelder T, and Orlov D, Healthy ecosystems for human and animal health: Science diplomacy for responsible development in the Arctic, *Polar Record*, 57(e39): 1–7, 2021. <https://doi.org/10.1017/S0032247421000589>
23. Åhlén I., Vigouroux G., **Destouni G.**, Pietroń J., Ghajarnia N., Anaya J., Blanco J., Borja S., Chalov S., Chun K.P., Clerici N., Desormeaux A., Girard P., Gorelits O., Hansen A., Jaramillo F., Kalantari Z., Labbaci A., Licero-Villanueva L., Livsey J., Maneas G., McCurley Pisarello K.L., Moshir Pahani D., Palomino S.A., Price R., Ricaurte-Villota C., Ricaurte-Villota L., Rivera-Monroy V.H, Rodriguez A., Rodriguez E., Salgado J., Sannel B., Seifollahi-Aghmiani S., Simard M., Sjöberg Y., Terskii P., Thorslund J., Zamora D.A., Jarsjö J., Hydro-climatic changes of wetlandscapes across the world, *Scientific Reports*, 11, 2754, 2021. <https://doi.org/10.1038/s41598-021-81137-3>
24. Porkka M, Wang-Erlandsson L, **Destouni G**, Ekman A, Rockström J, Gordon LJ, Is wetter better? Exploring agriculturally-relevant rainfall characteristics over four decades in the

- Sahel, *Environmental Research Letters*, 16, 035002, 2021. <https://doi.org/10.1088/1748-9326/abdd57>
25. Engström E.R., Collste D., Cornell S.E., Johnson F.E., Carlsen H., Jaramillo F., Finnveden G., **Destouni G.**, Howells M., Weitz N., Palm V., Fuso-Nerini F., Succeeding at home and abroad - Accounting for the international spillovers of cities' SDG actions, *npj Urban Sustainability*, 1, 18, 2021. <https://doi.org/10.1038/s42949-020-00002-w>
 26. Filippelli, G., Beal, L., Rajaram, H., AghaKouchak, A., Balikhin, M. A., **Destouni, G.**, East, A., Faccenna, C., Florindo, F., Frost, C., Griffies, S., Huber, M., Lugaz, N., Manighetti, I., Montesi, L., Pirenne, B., Raymond, P., Salous, S., Schildgen, T., Trumbore, S., Wysession, M., Xenopoulos, M., Zhanget, M. (2021). Geoscientists, who have documented the rapid and accelerating climate crisis for decades, are now pleading for immediate collective action. *Geophysical Research Letters*, 48, e2021GL096644. <https://doi.org/10.1029/2021GL096644>
 27. Nieves Fernandez-Anez, Andrey Krasovskiy, Mortimer Müller, Harald Vacik, Jan Baetens, Emira Hukić, Marijana Kapovic Solomun, Irena Atanassova, Maria Glushkova, Igor Bogunović, Hana Fajković, Hakan Djuma, George Boustras, Martin Adámek, Miloslav Devetter, Michaela Hrabalíková, Dalibor Huska, Petra Martínez Barroso, Magdalena Daria Vaverková, David Zumr, Kalev Jõgiste, Marek Metslaid, Kajar Koster, Egle Köster, Jukka Pumpanen, Caius Ribeiro-Kumara, Simone Di Prima, Amandine Pastor, Cornelia Rumpel, Manuel Seeger, Ioannis Daliakopoulos, Evangelia Daskalakou, Aristeidis Koutroulis, Maria P. Papadopoulou, Kosmas Stampoulidis, Gavriil Xanthopoulos, Réka Aszalós, Deák Balázs, Miklós Kertész, Orsolya Valkó, David C. Finger, Throstur Thorsteinsson, Jessica Till, Sofia Bajocco, Antonio Gelsomino, Antonio Minervino Amodio, Agata Novara, Luca Salvati, Luciano Telesca, Nadia Ursino, Aris Jansons, Mara Kitenberga, Normunds Stivrins, Gediminas Brazaitis, Vitas Marozas, Olesea Cojocar, Iachim Gumeniuc, Victor Sfecla, Anton Imeson, Sander Veraverbeke, Ragni Fjellgaard Mikalsen, Eugeniusz Koda, Piotr Osinski, Ana C. Meira Castro, João Pedro Nunes, Duarte Oom, Diana Vieira, Teodor Rusu, Srđan Bojović, Dragana Djordjevic, Zorica Popovic, Milan Protic, Sanja Sakan, Jan Glasa, Danica Kacikova, Lubomir Lichner, Andrea Majlingova, Jaroslav Vido, Mateja Ferk, Jure Tižar, Matija Zorn, Vesna Zupanc, M. Belén Hinojosa, Heike Knicker, Manuel Esteban Lucas-Borja, Juli Pausas, Nuria Prat-Guitart, Xavier Ubeda, Lara Vilar, **Georgia Destouni**, Navid Ghajarnia, Zahra Kalantari, Samaneh Seifollahi-Aghmiuni, Turgay Dindaroglu, Tugrul Yakupoglu, Thomas Smith, Stefan Doerr, Artemi Cerda, Current Wildland Fire Patterns and Challenges in Europe: A Synthesis of National Perspectives, *Air, Soil and Water Research*, 14, 1–19, 2021. <https://doi.org/10.1177/11786221211028185>

2020 – 14 papers

28. Orth R, **Destouni G.**, Jung M, Reichstein M, Large-scale biospheric drought response intensifies linearly with drought duration, *Biogeosciences*, 17, 2647–2656, 2020. <https://doi.org/10.5194/bg-17-2647-2020>
29. Borja S, Kalantari Z, **Destouni G.**, Global wetting by seasonal surface water over the last decades, *Earth's Future*, 8, e2019EF001449, 2020. <https://doi.org/10.1029/2019EF001449>
30. Cantoni J, Kalantari Z, **Destouni G.**, Watershed-Based Evaluation of Automatic Sensor Data: Water Quality and Hydroclimatic Relationships, *Sustainability*, 12, 396, 2020. <https://doi.org/10.3390/su12010396>
31. Kalantari Z, Ferreira CSS, Deal B, **Destouni G.**, Nature-based solutions for meeting environmental and socio-economic challenges in land management and development, *Land Degradation & Development*, 31(15), 1867-1870, 2020. <https://onlinelibrary.wiley.com/doi/full/10.1002/ldr.3264>

32. Ghajarnia N, Kalantari Z, Orth R, **Destouni G**, Close co-variation between soil moisture and runoff emerging from multi-catchment data across Europe, *Scientific Reports*, 10, 4817, 2020. <https://doi.org/10.1038/s41598-020-61621-y>
33. Moshir Panahi D, Kalantari Z, Ghajarnia N, Seifollahi-Aghmiuni S, **Destouni G**, Variability and change in the hydro-climate and water resources of Iran over a recent 30-year period, *Scientific Reports*, 10, 7450, 2020. <https://www.nature.com/articles/s41598-020-64089-y>
34. Ma Y, Vigouroux G, Kalantari Z, Goldenberg R, **Destouni G**, Implications of Projected Hydroclimatic Change for Tularemia Outbreaks in High-Risk Areas across Sweden, *Int. J. Environ. Res. Public Health*, 17, 6786, 2020. <https://doi.org/10.3390/ijerph17186786>
35. Vigouroux G, Chen Y, Jönsson A, Cvetkovic V, **Destouni G**, Simulation of nutrient management and hydroclimatic effects on coastal water quality and ecological status - The Baltic Himmerfjärden Bay case, *Ocean & Coastal Management*, 198, 105360, 2020. <https://doi.org/10.1016/j.ocecoaman.2020.105360>
36. Pan H., Page J., Zhang L., Cong C., Ferreira C., Jonsson E., Näsström H., **Destouni G.**, Deal B., Kalantari Z., Understanding interactions between urban development policies and GHG emissions: A case study in Stockholm Region. *Ambio*, 49, 1313-1327, 2020. <https://link.springer.com/article/10.1007/s13280-019-01290-y>
37. Åhlén I, Hambäck P, Thorslund J, Frampton A, **Destouni G**, Jarsjö J, Wetlandscape size thresholds for ecosystem service delivery: Evidence from the Norrström drainage basin, Sweden, *Science of the Total Environment*, 704, 135452, 2020. <https://doi.org/10.1016/j.scitotenv.2019.135452>
38. Manzoni S, Maneas G, Scaini A, Psiloglou BE, **Destouni G**, Lyon SW, Understanding coastal wetland conditions and futures by closing their hydrologic balance: the case of the Gialova lagoon, Greece, *Hydrol. Earth Syst. Sci.*, 24, 3557–3571, 2020. <https://doi.org/10.5194/hess-24-3557-2020>
39. Page, J., Mörtberg, U., **Destouni, G.**, Ferreira, C., Näsström, H., Kalantari, Z., Open-source planning support system for sustainable regional planning: A case study of Stockholm County, Sweden, *Environment and Planning B: Urban Analytics and City Science*, 47(8), 1508-1523, 2020. <https://doi.org/10.1177/2399808320919769>
40. Ghajarnia N, **Destouni G**, Thorslund J, Kalantari Z, Åhlén I, Anaya-Acevedo JA, Blanco-Libreros JF, Borja S, Chalov S, Chalova A, Chun KP, Clerici N, Desormeaux A, Garfield BB, Girard P, Gorelits O, Hansen A, Jaramillo F, Jarsjö J, Labbaci A, Livsey J, Maneas G, McCurley K, Palomino-Ángel A, Pietroni J, Price R, Rivera-Monroy VH, Salgado J, Sannel ABK, Seifollahi-Aghmiuni S, Sjöberg Y, Terskii P, Vigouroux G, Licero-Villanueva L, Zamora D, Data for wetlandscapes and their changes around the world, *Earth System Science Data*, 12, 1083–1100, 2020. <https://doi.org/10.5194/essd-12-1083-2020>
41. Ferreira C.S., Mourato S., Kasanin-Grubin M., Ferreira A.J.D., **Destouni, G.**, Kalantari Z., Effectiveness of Nature-Based Solutions in Mitigating Flood Hazard in a Mediterranean Peri-Urban Catchment, *Water*, 12(10), 2893, 2020. <https://doi.org/10.3390/w12102893>

2019 – 16 papers

42. Engström, R.E., **Destouni, G.**, Howells, M., Ramaswamy, V., Rogner, H., Bazilian, M., Cross-Scale Water and Land Impacts of Local Climate and Energy Policy—A Local Swedish Analysis of Selected SDG Interactions, *Sustainability*, 11, 1847, 2019. <https://www.mdpi.com/2071-1050/11/7/1847>
43. Vigouroux G, **Destouni G**, Jönsson A, Cvetkovic V, A scalable dynamic characterisation approach for water quality management in semi-enclosed seas and archipelagos, *Marine Pollution Bulletin*, 139, 311–327, 2019. <https://authors.elsevier.com/sd/article/S0025326X18308737>

44. Chen Y, Cvetkovic V, **Destouni G**, Scenarios of Nutrient-Related Solute Loading and Transport Fate from Different Land Catchments and Coasts into the Baltic Sea, *Water*, 11, 1407, 2019. <https://doi.org/10.3390/w11071407>
45. Ma Y., Bring A., Kalantari Z., **Destouni G.**, Potential for Hydroclimatically Driven Shifts in Infectious Disease Outbreaks: The Case of Tularemia in High-Latitude Regions, *International Journal of Environmental Research and Public Health*, 16, 3717, 2019. <https://www.mdpi.com/1660-4601/16/19/3717>
46. Selroos J-O, Cheng H, Vidstrand P, **Destouni G**, Permafrost Thaw with Thermokarst Wetland-Lake and Societal-Health Risks: Dependence on Local Soil Conditions under Large-Scale Warming, *Water*, 11, 574, 2019. <https://www.mdpi.com/2073-4441/11/3/574>
47. Seifollahi-Aghmiuni, S., Kalantari, Z., Land, M., **Destouni, G.**, Change drivers and impacts in Arctic wetland landscapes – literature review and gap analysis, *Water*, 11, 722, 2019. <https://www.mdpi.com/2073-4441/11/4/722/htm>
48. Chen Y., Vigouroux G., Bring A., Cvetkovic V., **Destouni G.**, Dominant Hydro-Climatic Drivers of Water Temperature, Salinity, and Flow Variability for the Large-Scale System of the Baltic Coastal Wetlands, *Water*, 11, 552, 2019. <https://www.mdpi.com/2073-4441/11/3/552>
49. Bring A., Goldenberg R., Kalantari Z., Prieto C., Ma Y., Jarsjö J., **Destouni G.**, Contrasting hydroclimatic model-data agreements over the Nordic-Arctic region, *Earth's Future*, 7(12), 1270-1282, 2019. <https://doi.org/10.1029/2019EF001296>
50. Kalantari Z, Ferreira CSS, Koutsouris AJ, Ahmer AK, Cerdà A, **Destouni G**, Assessing flood probability for transportation infrastructure based on catchment characteristics, sediment connectivity and remotely sensed soil moisture, *Science of the Total Environment*, 661, 393-406, 2019. <https://www.sciencedirect.com/science/article/pii/S0048969719300099>
51. Kalantari Z, Ferreira CSS, Page J, Goldenberg R, Olsson J, **Destouni G**, Meeting sustainable development challenges in growing cities: Coupled social-ecological systems modeling of land use and water changes, *Journal of Environmental Management*, 245, 471-480, 2019. <https://doi.org/10.1016/j.jenvman.2019.05.086>
52. Pan H, Page J, Zhang L, Chen S, Cong C, **Destouni G**, Kalantari Z, Deal B, Using comparative socio-ecological modeling to support Climate Action Planning (CAP), *Journal of Cleaner Production*, 232, 30-42, 2019. <https://doi.org/10.1016/j.jclepro.2019.05.274>
53. Khazaei B, Khatami S, Alemohammad SH, Rashidi L, Wu C, Madani K, Kalantari Z, **Destouni G**, Aghakouchak A, Climatic or regionally induced by humans? Tracing hydro-climatic and land-use changes to better understand the Lake Urmia tragedy, *Journal of Hydrology*, 569, 203-217, 2019. <https://www.sciencedirect.com/science/article/pii/S002216941830934X>
54. Blöschl G, Bierkens MFP, Chambel A, Cudennec C, **Destouni G**, et al., Twenty-three Unsolved Problems in Hydrology (UPH) – a community perspective, *Hydrological Sciences Journal*, 64:10, 1141-1158, 2019. <https://doi.org/10.1080/02626667.2019.1620507>
55. Rahmati O, Kalantari Z, Samadi M, Uuemaai E, Davoudi Moghaddam D, Asadi Nalivan O, **Destouni G**, Tien Bui D, GIS-Based Site Selection for Check Dams in Watersheds: Considering Geomorphometric and Topo-Hydrological Factors, *Sustainability*, 11(20), 5639, 2019. <https://doi.org/10.3390/su11205639>
56. Charpentier Ljungqvist F, Seim A, Krusic PJ, González-Rouco JF, Werner JP, Cook ER, Zorita E, Luterbacher J, Xoplaki E, **Destouni G**, García-Bustamante E, Melo Aguilar CA, Seftigen K, Wang J, Gagen MH, Esper J, Solomina O, Fleitmann D, Büntgen U, European warm-season temperature and hydroclimate since 850 CE, *Environ. Res. Lett.*, 14, 084015, 2019. <https://iopscience.iop.org/article/10.1088/1748-9326/ab2c7e>
57. Jaramillo F, Desormeaux A, Hedlund J, Jawitz JW, Clerici N, Piemontese L, Rodríguez-Rodríguez JA, Anaya JA, Blanco-Libreros JF, Borja A, Celi J, Chalov S, Chun KP, Cresso M, **Destouni G**, et al., Priorities and Interactions of Sustainable Development Goals (SDGs)

with Focus on Wetlands, *Water*, 11(3), 619, 2019. <https://www.mdpi.com/2073-4441/11/3/619>

2018 – 12 papers

58. **Destouni G**, Jarsjö J, Zones of untreatable water pollution call for better appreciation of mitigation limits and opportunities. *WIREs Water*, e1312, 2018. <https://doi.org/10.1002/wat2.1312>
59. **Destouni G**, Prieto C, Robust Assessment of Uncertain Freshwater Changes: The Case of Greece with Large Irrigation—and Climate-Driven Runoff Decrease, *Water*, 10(11), 1645, 2018. <https://doi.org/10.3390/w10111645>
60. Orth R, **Destouni G**, Drought reduces blue-water fluxes more strongly than green-water fluxes in Europe, *Nature Communications*, 9, 3602, 2018. <https://doi.org/10.1038/s41467-018-06013-7>
61. Quin A, **Destouni G**. Large-scale comparison of flow-variability dampening by lakes and wetlands in the landscape. *Land Degradation & Development*, 29, 3617–3627, 2018.
62. Engström R, Howells M, Mörtberg U, **Destouni G**, Multi-functionality of nature based and other urban sustainability solutions and their nexus: comparisons for New York City, *Land Degradation & Development*, 29, 3653-3662, 2018.
63. Pan H, Deal B, **Destouni G**, Zhang Y, Kalantari Z. Sociohydrology modeling for complex urban environments in support of integrated land and water resource management practices. *Land Degradation & Development*, 29, 3639–3652, 2018.
64. Goldenberg R, Kalantari Z, **Destouni G**. Increased access to nearby green–blue areas associated with greater metropolitan population wellbeing. *Land Degradation & Development*, 29, 3607–3616, 2018.
65. Thorslund J, Cohen MJ, Jawitz JW, **Destouni G**, Creed IF, Rains MC, Badiou P, Jarsjö J, Solute evidence for hydrological connectivity of geographically isolated wetlands, *Land Degradation & Development*, 29, 3954-3962, 2018.
66. Kalantari Z, Ferreira CSS, Keesstra S, **Destouni G**, Nature-based solutions for flood-drought risk mitigation in vulnerable urbanizing parts of East-Africa, *Current Opinion in Environmental Science & Health*, 5, 73-78, 2018. <https://doi.org/10.1016/j.coesh.2018.06.003>
67. Hamel P, Riveros-Iregui D, Ballari D, Browning T, Célleri R, Chandler D, Chun KP, **Destouni G**, Jacobs S, Jasechko S, Johnson M, Krishnaswamy J, Poca M, Pompeu PV, Rocha H, Watershed services in the humid tropics: Opportunities from recent advances in ecohydrology, *Ecohydrology*, 11(3), e1921, 2018.
68. Levi L, Cvetkovic V, **Destouni G**, Data-driven analysis of nutrient inputs and transfers through nested catchments, *Science of The Total Environment*, 610-611, 482-494, 2018.
69. Engström R.E., Howells M., **Destouni G.**, Water impacts and water-climate goal conflicts of local energy choices – notes from a Swedish perspective, *Proc. IAHS*, 376, 25-33, 2018.

2017 – 7 papers

70. **Destouni G.**, Fischer, I., Prieto C., Water quality and ecosystem management: Data-driven reality check of effects in streams and lakes, *Water Resources Research*, 53, 6395-6404, 2017. <https://doi.org/10.1002/2016WR019954>
71. Kalantari Z, Ferreira CSS, Walsh RPD, Ferreira AJD, **Destouni G**, Urbanization development under climate change: Hydrological responses in a peri-urban Mediterranean catchment, *Land Degradation & Development*, 28, 2207–2221, 2017.
72. Kalantari Z, Cavalli M, Cantone C, Crema S, **Destouni G**, Flood probability quantification for road infrastructure: Data-driven spatial-statistical approach and case study applications, *Science of The Total Environment*, 581-582, 386–398, 2017.

73. Goldenberg R, Kalantari Z, Cvetkovic V, Mörtberg U, Deal B, **Destouni G**, Distinction, quantification and mapping of potential and realized supply-demand of flow-dependent ecosystem services, *Science of The Total Environment*, 593-594 (2017), 509-609, 2017.
74. Thorslund J, Jarsjö J, Jaramillo F, Jawitz JW, Manzoni S, Basu NB, Chalov SR, Cohen MJ, Creed IF, Goldenberg R, Hysin A, Kalantari Z, Koussis AD, Lyon SW, Mazi K, Mård J, Persson K, Pietron J, Prieto C, Quin A, Van Meter K, **Destouni G**, Wetlands as large-scale nature-based solutions: Status and challenges for research, engineering and management. *Ecological Engineering*, 108 Part B, 489-497, 2017.
<https://doi.org/10.1016/j.ecoleng.2017.07.012>
75. Engström, R. E., Howells, M., **Destouni, G.**, Bhatt, V., Bazilian, M. and Rogner, H.-H., Connecting the resource nexus to basic urban service provision - with focus on water-energy interactions in New York City, *Sustainable Cities and Society*, 31, 83-94, 2017.
76. Rafiee M, Lyon SW, Zahraie B, **Destouni G**, Jaafarzadeh N, Optimal wastewater loading under conflicting goals and technology limitations in a riverine system, *Water Environment Research*, 89 (3), 211-220, 2017.

2016 – 5 papers

77. Verrot L, **Destouni G**, Data-model comparison of temporal variability in long-term time series of large-scale soil moisture, *Journal of Geophysical Research: Atmospheres*, 121(17), 10,056-10,073, 2016. <https://doi.org/10.1002/2016JD025209>
78. Juston J, Lyon SW, **Destouni G**, Data-driven nutrient-landscape relationships across regions and scales, *Water Environment Research*, 88(11), 2023-2031, 2016.
79. Mazi K, Koussis AD, **Destouni G**, Quantifying a sustainable management space for human use of coastal groundwater under multiple change pressures, *Water Resources Management*, 30, 4063–4080, 2016 (Erratum, pp 4081–4081).
80. Asokan SM, Rogberg P, Bring A, Jarsjö J, **Destouni G**, Climate model performance and change projection for freshwater fluxes: comparison for irrigated areas in Central and South Asia, *Journal of Hydrology: Regional Studies*, 5, 48-65, 2016.
81. Augustsson A, Uddh Söderberg T, Jarsjö J, Åström M, Olofsson B, Balfors B, **Destouni G**, The risk of overestimating the risk - metal leaching to groundwater near contaminated glass waste deposits and exposure via drinking water, *Science of The Total Environment*, 566–567, 1420-1431, 2016.

2015 – 16 papers

82. Jaramillo F, **Destouni G**, Local flow regulation and irrigation raise global human water consumption and footprint, *Science*, 350 (6265), 1248-1251, 2015.
<https://doi.org/10.1126/science.aad1010>
83. Prieto C, **Destouni G**, Climate-Driven, Phenological Change: Developing Robust Spatiotemporal Modeling and Projection Capability, *PLoS ONE*, 10(11), e0141207, 2015.
84. Frampton A., **Destouni G**, Impact of degrading permafrost on subsurface solute transport pathways and travel times, *Water Resour. Res.*, 51, 7680-7701, 2015.
85. Levi L, Jaramillo F, Andričević R, **Destouni G**, Hydroclimatic changes and drivers in the Sava River Catchment and comparison with Swedish catchments, *Ambio*, 44:624–634, 2015. <https://doi.org/10.1007/s13280-015-0641-0>
86. Jaramillo F, **Destouni G**, Comment on “Planetary boundaries: Guiding human development on a changing planet”, *Science*, 348(6240), 1217, 2015.
<https://science.sciencemag.org/content/348/6240/1217.3>

87. Bring A, Asokan SM, Jaramillo F, Jarsjö J, Levi L, Pietron J, Prieto C, Rogberg P, **Destouni G**, Implications of freshwater flux data from the CMIP5 multi-model output across a set of Northern Hemisphere drainage basins, *Earth's Future*, 3 (6), 206–217, 2015.
 88. Karlsson MJ, Jaramillo F, **Destouni G**, Hydro-climatic and lake change patterns in Arctic permafrost and non-permafrost areas, *Journal of Hydrology*, 529, 134–145, 2015.
 89. Selroos JO, **Destouni G**, Influence of spatial and temporal flow variability on solute transport in catchments, *Hydrological Processes*, 29 (16), 3592-3603, 2015.
 90. Johansson E, Gustafsson L-G, Berglund S, Lindborg T, Selroos J-O, Claesson Liljedahl L, **Destouni G**, Data evaluation and numerical modeling of hydrological interactions between active layer, lake and talik in a permafrost catchment, Western Greenland, *Journal of Hydrology*, 527, 688-703, 2015.
 91. Bring A, Rogberg P, **Destouni G**, Variability in climate change simulations affects needed long-term riverine nutrient reductions for the Baltic Sea, *Ambio*, 44, S381–S391, 2015.
 92. Koussis AD, Mazi K, Riou F, **Destouni G**, A correction for Dupuit–Forchheimer interface flow models of seawater intrusion in unconfined coastal aquifers. *Journal of Hydrology*, 525, 277–285, 2015.
 93. Törnqvist R., Jarsjö J., Thorslund J., Rao P.S.C., Basu N.B., **Destouni G.**, Mechanisms of basin-scale nitrogen load reductions under intensified irrigated agriculture, *PLoS ONE*, 10(3), e0120015, 2015.
 94. Elmhagen B., **Destouni G.**, Angerbjörn A., Borgström S., Boyd E., Cousins S. A. O., Dalén L., Ehrlén J., Ermold M., Hambäck P. A., Hedlund J., Hylander K., Jaramillo F., Lagerholm V. K., Lyon S. W., Moor H., Nykvist B., Pasanen-Mortensen M., Plue J., Prieto C., Van der Velde Y., Lindborg R., Interacting effects of change in climate, human population, land use, and water use on biodiversity and ecosystem services, *Ecology and Society*, 20(1), 23, 2015.
 95. Verrot L, **Destouni G**, Screening variability and change of soil moisture under wide-ranging climate conditions: Snow dynamics effects, *Ambio*, 44 (1), 6-16, 2015.
 96. Quin A, Jaramillo F, **Destouni G**, Dissecting the ecosystem service of large-scale pollutant retention, *Ambio*, 44 (1), 127-137, 2015. <https://link.springer.com/article/10.1007/s13280-014-0594-8>
 97. Strandmark A, Bring A, Cousins SAO, **Destouni G**, Kautsky H, Kolb G, de la Torre-Castro M, Hambäck PA, Climate change effects on the Baltic Sea borderland between land and sea, *Ambio*, 44 (1), 28-38, 2015.
- 2014 – 10 papers**
98. **Destouni G**, Verrot L, Screening long-term variability and change of soil moisture in a changing climate, *J. Hydrol.*, 516, 131-139, 2014. <https://doi.org/10.1016/j.jhydrol.2014.01.059>
 99. Asokan SM, **Destouni G**, Irrigation effects on hydro-climatic change: Basin-wise water balance-constrained quantification and cross-regional comparison, *Surveys in Geophysics*, 35:879–895, 2014. <https://doi.org/10.1007/s10712-013-9223-5>
 100. Bring A, **Destouni G**, Arctic climate and water change: Model and observation relevance for assessment and adaptation, *Surveys in Geophysics*, 35, 853–877, 2014.
 101. Jaramillo F, **Destouni G**, Developing water change spectra and distinguishing change drivers worldwide, *Geophysical Research Letters*, 41(23), 8377–8386, 2014. <https://doi.org/10.1002/2014GL061848>
 102. Karlsson JM, Lyon SW, **Destouni G**, Temporal behavior of lake size-distribution in a thawing permafrost landscape in northwestern Siberia, *Remote Sens.*, 6, 621–636, 2014.

103. Mazi K, Koussis AD, **Destouni G**, Intensively exploited Mediterranean aquifers: resilience to seawater intrusion and proximity to critical thresholds, *Hydrology and Earth System Sciences*, 18, 1663–1677, 2014.
104. Vercauteren N, Lyon SW, **Destouni G**, Seasonal influence of insolation on fine-resolved air temperature variation and snowmelt, *Journal of Applied Meteorology and Climatology*, 53, 323-332, 2014.
105. Törnqvist R, Jarsjö R, Pietron J, Bring A, Rogberg P, Asokan SM, **Destouni G**, Evolution of the hydro-climate system in the Lake Baikal basin, *J. Hydrol.*, 519, 1953–1962, 2014.
106. Giesler R, Lyon SW, Mörth C-M, Karlsson J, Karlsson EM, Jantze EJ, **Destouni G**, Humborg C, Catchment-scale dissolved carbon concentrations and export estimates across six subarctic streams in northern Sweden, *Biogeosciences*, 11, 525-537, 2014.
107. Van der Velde Y, Vercauteren N, Jaramillo F, Dekker S, **Destouni G**, Lyon SW, Exploring hydroclimatic change disparity via the Budyko framework, *Hydrological Processes*, 28, 4110–4118, 2014.

2013 – 12 papers

108. **Destouni G.**, Jaramillo F., Prieto C., Hydroclimatic shifts driven by human water use for food and energy production, *Nature Climate Change*, 3, 213-217, 2013.
<https://doi.org/10.1038/nclimate1719>
109. Bring A., **Destouni G.**, Hydro-climatic changes and their monitoring in the Arctic: Observation-model comparisons and prioritization options for monitoring development, *Journal of Hydrology*, 492, 273-280, 2013.
110. Frampton A., Painter S., **Destouni G.**, Permafrost degradation and subsurface flow changes caused by surface warming trends, *Hydrogeology Journal*, 21, 271–280, 2013.
111. Jantze E.J., Lyon S.W., **Destouni G.**, Subsurface release and transport of dissolved carbon in a discontinuous permafrost region, *Hydrology and Earth System Sciences*, 17, 3827–3839, 2013.
112. Mazi K., Koussis AD, **Destouni G.**, Tipping points for seawater intrusion in coastal aquifers under rising sea level, *Environ. Res. Lett.*, 8, 014001 (6pp), 2013.
113. Van der Velde Y, Lyon S, **Destouni G**, Data-driven regionalization of river discharges and emergent land cover–evapotranspiration relationships across Sweden, *Journal of Geophysical Research: Atmospheres*, 118, 2576–2587, 2013.
<https://doi.org/10.1002/jgrd.50224>
114. Azcárate J, Balfors B, Bring A, **Destouni G**, Strategic environmental assessment and monitoring: Arctic key gaps and bridging pathways, *Environ. Res. Lett.* **8** 044033, 2013.
115. Jaramillo F, Prieto C, Lyon SW, **Destouni G**, Multimethod assessment of evapotranspiration shifts due to non-irrigated agricultural development in Sweden, *Journal of Hydrology*, 484, 55–62, 2013.
116. Bosson E., Selroos J.-O., Stigsson M., Gustafsson L.-G., **Destouni G.**, Exchange and pathways of deep and shallow groundwater in different climate and permafrost conditions using the Forsmark site, Sweden as an example catchment, *Hydrogeology Journal*, 21, 225–237, 2013.
117. Hinzman LD, **Destouni G**, Woo M-k, Hydrogeology of cold regions, *Hydrogeology Journal*, 21, 1–4, 2013.
118. Nilsson LM, **Destouni G**, Berner J, Dudarev AA, Mulvad G, Odland JO, Parkinson A, Tikhonov C, Rautio A, Evengård B, A call for urgent monitoring of food and water security based on relevant indicators for the Arctic, *Ambio*, 42, 816–822, 2013.

119. Vercauteren N, **Destouni G**, Dahlberg CJ, Hylander K, Fine-resolved, near-coastal spatiotemporal variation of temperature in response to insolation. *J. Appl. Meteor. Climatol.*, 52, 1208–1220, 2013.

2012 – 7 papers

120. Gren I.M., **Destouni G.**, Does Divergence of Nutrient Load Measurements Matter for Successful Mitigation of Marine Eutrophication? *Ambio*, 41, 151–160, 2012.
121. Karlsson J.M., Lyon S.W., **Destouni G.**, Thermokarst lake, hydrological flow and water balance indicators of permafrost change in Western Siberia, *Journal of Hydrology* 464–465, 459–466, 2012.
122. Koussis A.D., Mazi K., **Destouni G.**, Analytical single-potential, sharp-interface solutions for regional seawater intrusion in sloping unconfined coastal aquifers, with pumping and recharge, *J. Hydrol.*, 416–417, 1-11, 2012.
123. Cvetkovic V., Carstens C., Selroos J.-O., **Destouni G.**, Water and solute transport along hydrological pathways, *Water Resources Research*, 48, W06537, 2012.
124. Jarsjö J., Asokan S.M., Prieto C., Bring A., **Destouni G.**, Hydrological responses to climate change conditioned by historic alterations of land-use and water-use, *Hydrology and Earth System Sciences*, 16, 1335-1347, 2012. <https://doi.org/10.5194/hess-16-1335-2012>
125. Bosson E., Sabel U., Gustafsson L.G., Sassner M., **Destouni G.**, Influences of shifts in climate, landscape, and permafrost on terrestrial hydrology, *Journal of Geophysical Research-Atmospheres*, 117, D05120, 2012.
126. Dahlke H.E., Easton Z.M., Lyon S.W., Walter T.M., **Destouni G.**, Steenhuis T.S., Dissecting the variable source area concept - Subsurface flow pathways and water mixing processes in a hillslope, *Journal of Hydrology*, 420-421 125-141, 2012.

2011 – 6 papers

127. Bring A., **Destouni G.**, Relevance of hydro-climatic change projection and monitoring for assessment of water cycle changes in the Arctic, *Ambio*, 40, 361-369, 2011.
128. Prieto C., **Destouni G.**, Is submarine groundwater discharge predictable?, *Geophysical Research Letters*, 38, L01402, 2011.
129. Persson K., Jarsjö J., **Destouni G.**, Diffuse hydrological mass transport through catchments: scenario analysis of coupled physical and biogeochemical uncertainty effects, *Hydrol. Earth Syst. Sci.*, 15, 3195–3206, 2011.
130. Frampton A., Painter S., Lyon S.W., **Destouni G.**, Non-isothermal, three-phase simulations of near-surface flows in a model permafrost system under seasonal variability and climate change, *Journal of Hydrology*, 403, 352–359, 2011.
131. Chasset C., Jarsjö J., Erlström M., Cvetkovic V., **Destouni G.**, Scenario simulations of CO₂ injection feasibility, plume migration and storage in a saline aquifer, Scania, Sweden, *International Journal of Greenhouse Gas Control*, 5, 1303-1318, 2011.
132. Karlsson J.M., Bring A., Peterson G.D., Gordon L.J., **Destouni G.**, Opportunities and limitations to detect climate-related regime shifts in inland Arctic ecosystems through eco-hydrological monitoring, *Environmental Research Letters*, 6, 014015, 2011.

2010 – 13 papers

133. **Destouni G.**, Asokan S.M., Jarsjö J., Inland hydro-climatic interaction: Effects of human water use on regional climate, *Geophysical Res. Lett.*, 37, L18402, 2010.
134. **Destouni G.**, Persson K., Prieto C., Jarsjö J., General quantification of catchment-scale nutrient and pollutant transport through the subsurface to surface and coastal waters, *Environ. Sci. Technol.*, 44, 2048–2055, 2010.

135. Lyon S., **Destouni G.**, Changes in catchment-scale recession flow properties in response to permafrost thawing in the Yukon River Basin, *International Journal of Climatology*, 30(14), 2138–2145, 2010.
136. Darracq A., **Destouni G.**, Persson K., Prieto C., Jarsjö J., Scale and model resolution effects on the distributions of advective solute travel times in catchments, *Hydrological Processes*, 24(12), 1697-1710, 2010.
137. Darracq A., **Destouni G.**, Persson K., Prieto C., Jarsjö J., Quantification of advective solute travel times and mass transport through hydrological catchments, *Environmental Fluid Mechanics*, 10, 103–120, 2010.
138. Koutsouris A.J., **Destouni G.**, Jarsjö J. and Lyon S.W., Hydro-climatic trends and water resource management implications based on multi-scale data for the Lake Victoria region, Kenya, *Environ. Res. Lett.*, 5, 034005, 2010.
139. Basu N.B., **Destouni G.**, Jawitz J.W., Thompson S.E., Loukinova N.V., Darracq A., Zanardo S., Yaeger M., Sivapalan M., Rinaldo A., Rao P.S.C., Nutrient loads exported from managed catchments reveal emergent biogeochemical stationarity, *Geophysical Research Letters*, 37, L23404, 2010.
140. Asokan S.M., Jarsjö J., **Destouni G.**, Vapor flux by evapotranspiration: effects of changes in climate, land-use and water-use, *J. Geophys. Res.-Atmospheres*, 115, D24102, 2010.
141. Dyurgerov M., Bring A., **Destouni G.**, Integrated assessment of changes in freshwater inflow to the Arctic Ocean, *J. Geophys. Res.*, 115, D12116, 2010.
142. Lyon, S. W., Mörth, M., Humborg, C., Giesler, R., and **Destouni, G.**, The relationship between subsurface hydrology and dissolved carbon fluxes for a sub-arctic catchment, *Hydrol. Earth Syst. Sci.*, 14, 941-950, 2010.
143. Koussis A.D., Georgopoulou E., Kotronarou A., Lalas D.P., Restrepo P., **Destouni G.**, Prieto C., Rodriguez J.J., Rodriguez-Mirasol J., Cordero T., Gomez-Gotor A., Cost-efficient management of coastal aquifers via recharge with treated wastewater and desalination of brackish groundwater: General framework, *Hydrological Sciences Journal*, 55(7), 1217–1233, 2010.
144. Koussis A.D., Georgopoulou E., Kotronarou A., Mazi K., Restrepo P., **Destouni G.**, Prieto C., Rodriguez J.J., Rodriguez-Mirasol J., Cordero T., Ioannou C., Georgiou A., Schwarz J., Zacharias I., Cost-efficient management of coastal aquifers via recharge with treated wastewater and desalination of brackish groundwater: Application to the Akrotiri Basin and Aquifer, Cyprus, *Hydrological Sciences Journal*, 55(7), 1234–1245, 2010.
145. McDonnell J. J., McGuire K., Aggarwal P., Beven K. J., Biondi D., **Destouni G.**, Dunn S., James A., Kirchner J., Kraft P., Lyon S., Maloszewski P., Newman B., Pfister L., Rinaldo A., Rodhe A., Sayama T., Seibert J., Solomon K., Soulsby C., Stewart M., Tetzlaff D., Tobin C., Troch P., Weiler M., Western A., Wörman A., Wrede S., How old is streamwater? Open questions in catchment transit time conceptualization, modelling and analysis, *Hydrological Processes*, 24(12), 1745-1754, 2010.

2009 – 10 papers

146. **Destouni G.**, Darracq A., Nutrient cycling and N₂O emissions in a changing climate: the subsurface water system role, *Environmental Research Letters*, 4, 035008 (7pp), 2009.
147. Bring A., **Destouni G.**, Hydrological and hydrochemical observation status in the Pan-Arctic drainage basin, *Polar Research*, 28, 327–338, 2009.
148. Persson K., **Destouni G.**, Propagation of water pollution uncertainty and risk from the subsurface to the surface water system of a catchment, *Journal of Hydrology*, 377, 434-444, 2009.
149. Baresel C., **Destouni G.**, Diffuse subsurface zinc loads from mining areas in the Dalälven River Basin, Sweden, *Hydrology Research*, 40(5), 445-453, 2009.
150. Lyon S.W., **Destouni G.**, Giesler R., Humborg C., Mörth M., Seibert J., Karlsson J.,

- Troch P.A., Estimation of permafrost thawing rates in a sub-arctic catchment using recession flow analysis, *Hydrol. Earth Syst. Sci.*, 13, 595–604, 2009.
151. Olli G., Darracq A., **Destouni G.**, Field study of phosphorous transport and retention in drainage reaches, *Journal of Hydrology*, 365, 46–55, 2009.
152. Bishop K., Beven K., **Destouni G.**, Abrahamsson K., Andersson L., Johnson R., Rodhe J., Hjerdt N., Nature as the “natural” goal for water management: A Conversation, *Ambio*, 38(4), 209-214, 2009.
153. Alekseeva I., Jarsjö J., Schrum C., **Destouni G.**, Reproducing the Aral Sea water budget and sea-groundwater dynamics between 1979 and 1993 using a coupled 3-D sea-ice-groundwater model, *Journal of Marine Systems*, 76, 296-309, 2009.
154. Conley D.J., Bonsdorff E., Carstensen J., **Destouni G.**, Gustafsson B.G., Hansson L.A., Rabalais N.N., Voss M., Zillén L., Tackling hypoxia in the Baltic Sea: Is engineering a solution?, *Environ. Sci. Technol.*, 43 (10), 3407-3411, 2009.
155. Conley D.J., Björck S., Bonsdorff E., Carstensen J., **Destouni G.**, Gustafsson B.G., Hietanen S., Kortekaas M., Kuosa H., Meier M.H.E, Müller-Karulis B., Nordberg K., Norkko A., Nürnberg G., Pitkänen H., Rabalais N.N., Rosenberg R., Savchuk O.P., Slomp C.P., Voss M., Wulff F., Zillén L., Hypoxia-related processes in the Baltic Sea, *Environ. Sci. Technol.*, 43, 3412-3420, 2009.

2008 – 5 papers

156. **Destouni G.**, Hannerz F., Prieto C., Jarsjö J., Shibuo Y., Small unmonitored near-coastal catchment areas yielding large mass loading to the sea, *Global Biogeochem. Cycles*, 22, GB4003, 2008.
157. **Destouni G.**, Shibuo Y., Jarsjö J., Freshwater flows to the sea: Spatial variability, statistics and scale dependence along coastlines, *Geophys. Res. Lett.*, 35, L18401, 2008.
158. Olli G., **Destouni G.**, Long-term heavy metal loading to near-shore sediments, *Water, Air, and Soil Pollution*, 192, 105-116, 2008.
159. Darracq A., Lindgren G., **Destouni G.**, Long-term development of Phosphorus and Nitrogen loads through the subsurface and surface water systems of drainage basins, *Global Biogeochemical Cycles*, 22, GB3022, 2008.
160. Jarsjö J., Shibuo Y., **Destouni G.**, Spatial distribution of unmonitored inland water discharges to the sea, *Journal of Hydrology*, 348, 59– 72, 2008.

2007 – 5 papers

161. **Destouni G.**, The subsurface water system role for surface and coastal water pollution, *Ecology & Hydrobiology*, 7(2), 157-164, 2007.
162. Darracq A., **Destouni G.**, Physical versus biogeochemical interpretations of Nitrogen and Phosphorus attenuation in streams and its dependence on stream characteristics, *Global Biogeochemical Cycles*, 21, GB3003, 2007.
163. Baresel C., **Destouni G.**, Uncertainty-Accounting Environmental Policy and Management of Water Systems, *Environ. Sci. Technol.*, 41(10), 3653–3659, 2007.
164. Lindgren G.A., **Destouni G.**, Darracq A., Inland subsurface water system role for coastal nitrogen load dynamics and abatement responses, *Environ. Sci. Technol.*, 41(7), 2159-2164, 2007.
165. Shibuo Y., Jarsjö J., **Destouni G.**, Hydrological responses to climate change and irrigation in the Aral Sea drainage basin, *Geophys. Res. Lett.*, 34, L21406, 2007.

2006 – 7 papers

166. **Destouni G.**, Lindgren G., and Gren I.M., Effects of inland nitrogen transport and attenuation modeling on coastal nitrogen load abatement, *Environmental Science & Technology*, 40, 6208 – 6214, 2006.
167. **Destouni G.** and Darracq A., Response to Comment on “In-Stream Nitrogen Attenuation: Model-Aggregation Effects and Implications for Coastal Nitrogen Impacts”,

Environmental Science & Technology, 40, 2487-2488, 2006.

168. Baresel C. and **Destouni G.**, Estimating subsurface nitrogen accumulation-depletion in catchments by input-output flow analysis, *Physics & Chemistry of the Earth*, 31, 1030–1037, 2006.
169. Hannerz F. and **Destouni G.**, Spatial characterization of the Baltic Sea drainage basin and its unmonitored catchments, *Ambio*, 35(5), 214-219, 2006.
170. Baresel C., **Destouni G.**, and Gren I.M., The influence of metal source uncertainty on cost-effective allocation of mine water pollution abatement in catchments, *Journal of Environmental Management*, 78(2), 138-148, 2006.
171. Prieto C., **Destouni G.** and Kotronarou A., The influence of temporal hydrological randomness on seawater intrusion in coastal aquifers, *Journal of Hydrology*, 330, 285– 300, 2006.
172. Shibuo Y., Jarsjö J., and **Destouni G.**, Bathymetry-topography effects on saltwater-fresh groundwater interactions around the shrinking Aral Sea, *Water Resources Research*, 42, W11410, 2006.

2005 – 5 papers

173. **Destouni G.**, and Gren I.M., Response to ‘Discussion of the paper “Cost effective policies for alternative distributions of stochastic water pollution” by Gren, Destouni and Tempone’ by Kampas and Adamidis, *Journal of Environmental Management*, 74 (4): 389-392, 2005.
174. Prieto C., and **Destouni G.**, Quantifying hydrological and tidal influences on groundwater discharges to coastal waters, *Water Resources Research*, 41, W12427, 2005.
175. Baresel C., and **Destouni G.**, Novel quantification of coupled natural and cross-sectoral water and nutrient/pollutant flows for environmental management, *Environmental Science & Technology*, 39(16), 6182 – 6190, 2005.
176. Darracq A., and **Destouni G.**, In-stream nitrogen attenuation: model-aggregation effects and implications for coastal nitrogen impacts, *Environmental Science & Technology*, 39, 3716-3722, 2005.
177. Darracq A., Greffe F., Hannerz, F., **Destouni G.**, and Cvetkovic V. Nutrient transport scenarios in a changing Stockholm and Mälaren valley region. *Water Science & Technology*, 51: 3-4, 31 – 38, 2005.

2004 – 4 papers

178. Lindgren G., and **Destouni G.**, Nitrogen loss rates in streams: scale-dependence and up-scaling methodology, *Geophysical Research Letters*, 31, L13501, 2004.
179. Jarsjö J., and **Destouni G.**, Groundwater discharge into the Aral Sea after 1960, *Journal of Marine Systems*, 47, 109-120, 2004.
180. Malmström M., **Destouni G.**, and Martinet P., Modeling expected solute concentration in randomly heterogeneous flow systems with multi-component reactions, *Environmental Science and Technology*, 38, 2673-2679, 2004.
181. Lindgren G.A., **Destouni G.**, and Miller A.V., Solute transport through the integrated groundwater-stream system of a catchment, *Water Resources Research*, 40, W03511, 2004.

2003 – 1 paper

182. **Destouni G.**, and Prieto C., On the possibility for generic modeling of submarine groundwater discharge, *Biogeochemistry*, 66, 171-186, 2003.

2002 – 1 paper

183. Gren I.M., **Destouni G.**, and Tempone R., Cost effective policies for alternative distributions of stochastic water pollution, *Journal of Environmental Management*, 66, 145-157, 2002.

2001 – 3 papers

184. **Destouni G.**, Simic E., and Graham W., On the applicability of analytical methods for estimating solute travel time statistics in non-uniform groundwater flow, *Water Resources Research*, 37: (9), 2303-2308, 2001.
185. Andersson C., and **Destouni G.**, Groundwater transport in environmental risk and cost analysis: role of random spatial variability and sorption kinetics, *Ground Water*, 39, 35-48, 2001.
186. Foussereau X., Graham W., Aakpoji, A., **Destouni G.**, and Rao P.S.C., Solute transport through a heterogeneous coupled vadose-saturated zone system with temporally random rainfall, *Water Resources Research*, 37: (6) 1577-1588, 2001.

2000 – 5 papers

187. Rosqvist H., and **Destouni G.**, Solute transport through preferential pathways in municipal solid waste, *Journal of Contaminant Hydrology*, 46, 39-60, 2000.
188. Jarsjö J., and **Destouni G.**, Degassing of deep groundwater in fractured rock around boreholes and drifts, *Water Resources Research*, 36, 2477-2492, 2000.
189. Gren I.M., **Destouni G.**, and Sharin H., Cost effective management of stochastic coastal water pollution, *Environmental modelling and assessment*, 5: (4) 193-203, 2000.
190. Malmström M., **Destouni G.**, Banwart S., and Strömberg B., Resolving the scale-dependence of mineral weathering rates, *Environmental Science and Technology*, 34, 1375-1378, 2000.
191. Foussereau X., Graham W., Aakpoji A., **Destouni G.**, and Rao P.S.C., Stochastic analysis of transport in unsaturated heterogeneous soils under transient flow regimes, *Water Resources Research*, 36, 911-921, 2000.

1999 – 2 papers

192. Simic E., and **Destouni G.**, Water and solute residence times in a catchment: Stochastic model interpretation of ¹⁸O transport, *Water Resources Research*, 35, 2109-2119, 1999.
193. Gupta A., **Destouni G.**, and Bergen Jensen M., Modelling tritium and phosphorus transport by preferential flow in structured soil, *Journal of Contaminant Hydrology*, 35, 389-407, 1999.

1998 – 2 papers

194. Banwart S., **Destouni G.** and Malmström M., Assessing the scale dependence of mineral weathering rates at the Aitik waste rock deposits in northern Sweden. *Mineralogical Magazine*, Vol. 62A, 108-109, 1998.
195. Graham W., **Destouni G.**, Demmy G., and Foussereau X., Prediction of local concentration statistics in variably saturated soils: Influence of observation scale and comparison with field data, *Journal of Contaminant Hydrology*, 32, 177-199, 1998.

1997 – 4 papers

196. **Destouni G.**, and Graham W., The influence of observation method on local concentration statistics in the subsurface, *Water Resources Research*, 33, 663-676, 1997.
197. Eriksson N., and **Destouni G.**, Combined effects of dissolution kinetics, secondary mineral precipitation, and preferential flow on copper leaching from mining waste rock, *Water Resources Research*, 33, 471-483, 1997.
198. Jarsjö J., **Destouni G.**, and Yaron B., On the relation between viscosity and hydraulic conductivity for volatile organic liquid mixtures in soils, *Journal of Contaminant Hydrology*, 25, 113-127, 1997.
199. Eriksson N., Gupta A., and **Destouni G.**, Comparative analysis of laboratory and field tracer tests for investigating preferential flow and transport in mining waste rock, *Journal of Hydrology*, 194, 143-163, 1997.

1996 – 1 paper

200. Jensen K.H., **Destouni G.**, and Sassner M., Advection-Dispersion Analysis of Solute Transport in Undisturbed Soil Monoliths, *Ground Water*, 34, 1090-1097, 1996.

1995 – 2 papers

201. **Destouni G.**, Comment on "Stochastic modeling of solute flux in a heterogeneous partially saturated porous formation" by D. Russo, *Water Resources Research*, 31, 1151-1153, 1995.
202. **Destouni G.**, and Graham W.D., Solute transport through an integrated heterogeneous soil-groundwater system, *Water Resources Research*, 31, 1935-1944, 1995.

1994 – 3 papers

203. **Destouni G.**, Sassner M., and Jensen K.H., Chloride migration in heterogeneous soil, 2. Stochastic modelling, *Water Resources Research*, 30, 747-758, 1994. (Correction, *Water Resources Research*, 31, 1161, 1995.)
204. Jarsjö J., **Destouni G.**, and Yaron B., Retention and volatilisation of kerosene: laboratory experiments on glacial and post glacial soils, *Journal of Contaminant Hydrology*, 17, 167-185, 1994.
205. Sassner M., Jensen K.H., and **Destouni G.**, Chloride migration in heterogeneous soil, 1. Experimental methodology and results, *Water Resources Research*, 30, 735-745, 1994.

1993 – 1 paper

206. **Destouni G.**, Stochastic modelling of solute flux in the unsaturated zone at the field scale, *Journal of Hydrology*, 143, 45-61, 1993.

1992 – 2 papers

207. **Destouni G.**, The effect of vertical soil heterogeneity on field scale solute flux, *Water Resources Research*, 28, 1303-1309, 1992.
208. **Destouni G.**, Prediction uncertainty in solute flux through heterogeneous soil, *Water Resources Research*, 28, 793-801, 1992.

1991 – 2 papers

209. **Destouni G.**, Applicability of the steady-state flow assumption for solute advection in field soils, *Water Resources Research*, 27, 2129-2140, 1991.
210. **Destouni G.**, and Cvetkovic V., Field-scale mass arrival of sorptive solute into the groundwater, *Water Resources Research*, 27, 1315-1325, 1991.

1989 – 1 paper

211. **Destouni G.**, and Cvetkovic V., The effect of heterogeneity on large scale solute transport in the unsaturated zone, *Nordic Hydrology*, 20, 43-52, 1989.

Book chapters, Edited books

212. **Destouni G.**, Kalantari Z., Quegan S., Leibovici D., Lemmetyinen J., Ikonen J., Modeling Climate Sensitive Infectious Diseases in the Arctic, In: Nord D.C. (eds) *Nordic Perspectives on the Responsible Development of the Arctic: Pathways to Action*, Springer Polar Sciences, Springer, Cham, pp. 93-11, 2021. https://doi.org/10.1007/978-3-030-52324-4_5
213. **Destouni G.**, Aral Sea Basin, in *Handbook of Applied Hydrology, Second Edition* (Ed. Vijay P. Singh), McGraw Hill, ISBN: 9780071835091, Part 8: Hydrology of Large River and Lake Basins, Chapter 121, p. 121.1-121.6, 2016.
214. Bring A, Jarsjö J, **Destouni G.**, Water Information and Water Security in the Arctic, in (eds. B Evengård, J Nymand Larsen, Ø. Paasche) *The New Arctic*, Cham, Switzerland: Springer International Publishing, pp 225-238, 2015.
215. Bengtsson L, Bonnet RM, Calisto M, **Destouni G.**, Gurney R, Johannessen J, Kerr Y,

- Lahoz WA, Rast M (eds.), *The Earth's Hydrological Cycle*, Space Sciences Series of ISSI, Volume 46, ISBN: 978-94-017-8788-8 (Print) 978-94-017-8789-5 (Online), 2014.
216. **Destouni G.**, Kuylenstierna J., Water and Biodiversity, in (Eds. A. Djoghlaif, F. Dodds) *Biodiversity and Ecosystem Insecurity, A Planet in Peril*, Earthscan Publications Ltd., pp. 94-101, 2011.
 217. Jarsjö J., Alekseeva I., Schrum C., and **Destouni G.**, Simulation of groundwater-seawater interactions in the Aral Sea basin by a coupled water balance model, in: *From Uncertainty to Decision Making, ModelCare 2005* (eds. M.F.P. Bierkens, K. Kovar and J.C. Gehrels), International Association of Hydrological Sciences (IAHS) Red Book Series, Paper no. IAHS 304-30-145, 2006.
 218. Shibuo Y., Jarsjö J., and **Destouni G.**, Modeling groundwater-seawater interactions in the Aral Sea region, in (eds: Araguás L., Custodio E., and Manzano M.) *Groundwater and saline intrusion*, Insitututo Geologico y Minero de España, Serie: Hidrogeología y Aguas Subterráneas No 15, Madrid, 163-171, 2005.
 219. Koussis A.D., Kotronarou A., **Destouni G.**, and Prieto C., Intensive groundwater development in coastal zones and small islands, in *Groundwater Intensive Use: Challenges and Opportunities* (eds Llamas R., and Custodio E.), ISBN: 90 5809 390 5, Balkema, pp 133-155, 2002.
 220. Prieto C., **Destouni G.**, and Schwarz J., Effects of seasonal variations in extraction and recharge rates, in (eds: Ouazar D., and Cheng A.H.D.) *Cyber Proceedings of the first international conference on salt water intrusion and coastal aquifers: monitoring, modeling, and management*, Essaouira, Marocko, 23-25 April, 2001.
 221. **Destouni G.**, and Simic E., Stochastic analysis of contaminant fluxes in groundwater, in *Groundwater 2000* (eds. Bjerg P.L., Engesgaard P., and Krom Th.D.), Balkema, Rotterdam, 475-476, 2000.
 222. Andersson C., and **Destouni G.**, Stochastic modelling of reactive contaminant transport in environmental risk and cost analysis, in *Groundwater Quality: Remediation and Protection* (eds. M. Herbert and K. Kovar), International Association of Hydrological Sciences (IAHS) Publication No. 250, 430-432, 1998.
 223. Banwart S., **Destouni G.**, and Malmström M., Assessing mine water pollution: From laboratory to field scale, in *Groundwater Quality: Remediation and Protection* (eds. M. Herbert and K. Kovar), International Association of Hydrological Sciences (IAHS) Publication No. 250, 307-311, 1998.
 224. Gupta A., **Destouni G.**, and Nielsen M., Modelling subsurface phosphorus transport, in *Groundwater in the Urban Environment: Problems, Processes and Management* (eds. J. Chilton et al.), Balkema, Rotterdam, 417-420, 1997.
 225. **Destouni G.**, Modelling subsurface element fluxes and concentrations, in *Contaminated Soils: Third International Conference on the Biogeochemistry of Trace Elements, Paris, May 15-19 1995*, (ed. Prost R.), Colloque n° 85, INRA Editions, Paris, France, p.p. 209-222, 1997.
 226. **Destouni G.**, and Eriksson N., Field-scale transport of weathering products from mining waste rock, in *Transport and Reactive Processes in Aquifers* (eds. Th. Dracos and F. Stauffer), A.A. Balkema, Rotterdam, p.p. 425-430, 1994.
 227. **Destouni G.**, Field-scale solute flux through macroporous soils, in *Water Flow and Solute Transport in Soils* (eds. Russo, D., and Dagan, G.), Springer-Verlag, Heidelberg, 33-44, 1993.
 228. Van der Zee S.E.A.T.M., and **Destouni G.**, Transport of inorganic solutes in soil, in *Advances in Soil Science, Interacting Processes in Soil Science* (eds. Wagenet R.J., Baveye P., and Stewart B.A.), Lewis Publishers, Boca Raton, Florida, 95-145, 1992.
 229. **Destouni G.**, and Cvetkovic V., Mass flux of sorptive solute in heterogeneous soils, in *Field-Scale Water and Solute Flux in Soils* (eds. K. Roth, H. Flühler, W.A. Jury, and J.C. Parker), Birkhäuser Verlag, Basel, 251-260, 1990.

230. Kung C.S., **Destouni G.**, and Cvetkovic, V., The effect of field-scale solute infiltration on surface water quality, in *Groundwater management: quantity and quality*, (eds. Sahuquillo, A., Andreu, J. and O'Donnell, T.), IAHS Publication No 188, 121-129, 1989.
231. Cvetkovic V., and **Destouni G.**, Comparison between resident and flux-averaged concentration models for field-scale solute transport in the unsaturated zone, in *Contaminant Transport in Groundwater*, (eds Kobus, H.E. and Kinzelbach, W.), A.A. Balkema, Rotterdam, 245-250, 1989.

Dissertation

232. **Destouni G.**, Solute fluxes and travel times in heterogeneous soil, *PhD thesis*, Dept. of Hydraulic Engineering, Royal Institute of Technology, Stockholm, Sweden, 1991.

Open Access Databases

233. Scaini A, Vigouroux G, **Destouni G**, H2020 773782- COASTAL MAL03 Flipbook - Norrström, Baltic Sea: Workflow, issues and future needs, Zenodo, 2022. <https://doi.org/10.5281/zenodo.7102196>
234. Scaini A, Vigouroux G, **Destouni G**, H2020 773782-COASTAL MAL03 Booklet of practice abstracts, Zenodo. <https://doi.org/10.5281/zenodo.7389707>
235. Vigouroux G, **Destouni G**, H2020 773782-COASTAL MAL03 Management set for the Norrström-Baltic region, modeled sets of measures for water quality improvement in Business Road Map (BRM) alternatives prioritized by stakeholders in the Norrström-Baltic case, Zenodo, 2022. <https://doi.org/10.5281/zenodo.6855357>
236. **Destouni G**, Seifollahi-Aghmiuni S, H2020 773782-COASTAL MAL03 Scenarios for the Norrström-Baltic region, scenario data based on projected climate and socio-economic changes, Zenodo, 2022. <https://doi.org/10.5281/zenodo.6854490>
237. Seifollahi-Aghmiuni S, Vigouroux G, **Destouni G**, H2020 773782-COASTAL MAL03 Model - Norrström-Baltic region, system dynamics model, Zenodo, 2022. <https://doi.org/10.5281/zenodo.6976851>
238. **Destouni G**, Seifollahi-Aghmiuni S, H2020 773782-COASTAL MAL03 Causal Loop Diagrams for the Norrström-Baltic region, co-created with stakeholders in Multi-Actor Lab, Zenodo, 2022. <https://doi.org/10.5281/zenodo.6860726>
239. Ghajarnia N, **Destouni G**, Thorslund J, Kalantari Z, Åhlén I, Anaya-Acevedo JA, Blanco-Libreros JF, Borja S, Chalov S, Chalova A, Chun KP, Clerici N, Desormeaux A, Garfield BB, Girard P, Gorelits O, Hansen A, Jaramillo F, Jarsjö J, Labbaci A, Livsey J, Maneas G, McCurley K, Palomino-Ángel A, Pietroń J, Price R, Rivera-Monroy VH, Salgado J, Sannel ABK, Seifollahi-Aghmiuni S, Sjöberg Y, Terskii P, Vigouroux G, Licero-Villanueva L, Zamora D, *Wetlandscape change information database (WetCID)*, 2019. <https://doi.org/10.1594/PANGAEA.907398>
240. Prieto C, **Destouni G**, S1_Dataset: Regional average cumulative degree days for different temperature threshold values for the period 1950-2010 (linked to Climate-Driven, Phenological Change: Developing Robust Spatiotemporal Modeling and Projection Capability, *PLoS ONE*, 10(11), e0141207), 2015. https://figshare.com/articles/dataset/S1_Data_Regional_average_cumulative_degree_days_for_different_temperature_threshold_values_for_the_period_1950_2010/1386731
241. Hannerz F., **Destouni G.**, *Spatial characterization of the Baltic Sea drainage basin and its unmonitored catchments*, Bolin Centre Database, 2008. <https://bolin.su.se/data/hannerz-bsdbs>

Reports

242. Svedberg T, **Destouni G**, Ek L, Persson KM, Sjöberg B, Söderholm G, Tumpane J, *Agenda för hållbar vattenförsörjning (Agenda for water security)*, Rapport från IVAs

projekt Hållbar vattenförsörjning – tillgång till rent vatten i ett föränderligt klimat, Royal Swedish Academy for Engineering Sciences (IVA), 2021.

<https://www.iva.se/globalassets/bilder/projekt/vattenprojektet/202106-iva-hallbar-vattenforsorjning-syntesrapport-n.pdf>

243. **Destouni G**, Gren I-M, Högvik M, Kjellson H, Lindblom L, Lindroth A, Olsson J, Rahm T, Sandborgh U, Thörn P, Byman K, *Klimatförändringar och hållbar vattenförsörjning (Climate change and sustainable water availability)*, Report, Royal Swedish Academy of Engineering Sciences (IVA), 2021.
<https://www.iva.se/globalassets/rapporter/hallbar-vattenforsorjning/202103-iva-hallbar-vattenforsorjning-rapport1-h.pdf>
244. Jean-Luc de Kok (VITO), Bastiaan Notebaert (VITO), **Georgia Destouni** (SU), Samaneh Seifollahi-Aghmiuni (SU), Giorgos Maneas (SU), Erasmia Kastanidi (HCMR), Ioannis Panagopoulos (HCMR), Aris Karageorgis, (HCMR), Françoise Vernier (INRAE), Jean-Marie Lescot (INRAE), Luminita Lazar, Florin Timofte, Mariana Golumbeanu (INCDM), Ruxandra Pop (ICEADR), Alice Guittard (ICRE8), Eburn Akinsete (ICRE8), Phoebe Koundouri (ICRE8), Javier Martínez-López (CSIC), Joris de Vente (CSIC), Zsuzsanna Selmeczy (GEO), Jurgen Adriaen (GRBR), Steliana Rodino (ICEADR), Wim van Isacker (VLM), *EIP Practice Abstracts Reporting Period II*, Deliverable Report D31 in EU H2020 project COASTAL – Collaborative Land-Sea Integration Platform, 2021.
<https://h2020-coastal.eu/assets/content/Deliverables/773782-COASTAL-WP6-D31.pdf>
245. Jean-Luc de Kok (VITO), Peter Viaene (VITO), Aris Karageorgis, Yiannis Panagopoulos and Erasmia Kastanidi (HCMR), **Georgia Destouni**, Zahra Kalantari, Samaneh Seifollahi and Giorgos Maneas (SU), Benoit Othoniel, Jean-Marie Lescot, Odile Phelpin-Leccia and Françoise Vernier (INRAE), Luminita Lazar (NIMRD), Steliana Rodino and Ruxandra Pop (ICEADR), Joris de Vente, Juan Albaladejo and Javier Martínéz-López (CSIC), Nele D’Haese and Bastiaan Notebaert (VITO), Ben De Pauw (POMWVI), Steven Dauwe (VLIZ), Wim Van Isacker (VLM), *Operational SD Models for Coastal-Rural Interactions - Case Study Level*, Deliverable Report D14 in EU H2020 project COASTAL – Collaborative Land-Sea Integration Platform, 2021. <https://h2020-coastal.eu/assets/content/Deliverables/773782-COASTAL-WP4-D14.pdf>
246. Peter Viaene (VITO), Jean-Luc de Kok (VITO), Aris Karageorgis, Yiannis Panagopoulos and Erasmia Kastanidi (HCMR), **Georgia Destouni**, Zahra Kalantari, Samaneh Seifollahi (SU) and Giorgos Maneas (SU), Jean-Marie Lescot and Françoise Vernier (INRAE), Luminita Lazar (NIMRD), Steliana Rodino and Ruxandra Pop (ICEADR), Joris de Vente, Juan Albaladejo and Javier Martínéz-López (CSIC), *Models for Coastal-Rural Interactions - Case Study Level*, Deliverable Report D13 in EU H2020 project COASTAL – Collaborative Land-Sea Integration Platform, 2020. <https://h2020-coastal.eu/assets/content/Deliverables/773782-COASTAL-WP4-D13.pdf>
247. Samaneh Seifollahi-Aghmiuni, **Georgia Destouni**, and Zahra Kalantari (SU) – Sweden; Belgium: Peter Viaene, Nele D’Haese, and Jean-Luc de Kok (VITO); Greece: Erasmia Kastanidi, Aris Karageorgis, Yiannis Panagopoulos (HCMR), and Giorgos Maneas (SU); France: Jean- Marie Lescot, and Françoise Vernier (INRAE); Romania: Luminita Lazar (NIMRD), Steliana Rodino, and Ruxandra Pop (ICEADR); Spain: Javier Martínez-López, Joris de Vente, and Juan Albaladejo (CSIC), *Knowledge Transition*, Deliverable Report D07 in EU H2020 project COASTAL – Collaborative Land-Sea Integration Platform, 2020. <https://h2020-coastal.eu/assets/content/Deliverables/773782-COASTAL-WP2-D07.pdf>
248. Erasmia Kastanidi, Ioannis Panagopoulos, Aris Karageorgis (HCMR), **Georgia Destouni**, Samaneh Seifollahi, Zahra Kalantanri, Giorgos Maneas Hakan Berg (SU), Jean-Luc de Kok (VITO), Javier Martínez-López, Joris Eekhout, Joris de Vente (CSIC), Frank Stubbe (VLM), Sarina Motmans (POM), Hans Pirllet (VLIZ), Luminita Lazar, Florin Timofte, Alina Spinu (NIMRD), Ruxandra Pop, Steliana Rodino (ICEADR), Odile Leccia, Jean-Marie Lescot, Kevin Petit, Sandrine Sabatier, Françoise Vernier (IFREMER), *Model*

- and Data Inventory*, Deliverable Report D06 in EU H2020 project COASTAL – Collaborative Land-Sea Integration Platform, 2020. <https://h2020-coastal.eu/assets/content/Deliverables/773782-COASTAL-WP2-D06.pdf>
249. Rachel Tiller (SINTEF); BELGIUM: Jean-Luc de Kok (VITO), Bastiaan Notebaert (VITO), Peter Viaene (VITO), Noémie Wouters, Maxime Depoorter (GRBR), Frank Stubbe (VLM), Sarina Motmans (POM), Wim Stubbe (AGHO), Steven Dauwe (VLIZ), Hans Pirlet (VLIZ); FRANCE: Françoise Vernier (IRSTEA), Jean-Marie Lescot (IRSTEA), Jean Prou, Jean -Luc Fort, Sandrine Sabatié; ROMANIA: Luminita Lazar, Florin Timofte, Magda-Ioana Nenciu, Mariana Golumbeanu (NIMRD); Ruxandra Pop, Steliana Rodino (ICEADR) SWEDEN: **Georgia Destouni** (SU), Samaneh Seifollahi-Aghmiuni (SU), Zahra Kalantari (SU), Carmen Prieto (SU), Yuanying Chen (SU); GREECE: Giorgos Maneas (SU), Erasmia Kastanidi (HCMR), Ioannis Panagopoulos (HCMR), Aris Karageorgis, (HCMR), Alice Guittard (Icre8); Håkon Berg (SU); SPAIN: Javier Martínez-López (CSIC), Joris de Vente (CSIC), Carolina Boix-Fayos (CSIC), Juan Albaladejo (CSIC); NORWAY: Sepideh Jafarzadeh (SINTEF), and Magnus Myhre (SINTEF), *Multi-Actor Analysis of Land-Sea Dynamics*, Deliverable Report D04 in EU H2020 project COASTAL – Collaborative Land-Sea Integration Platform, 2020. <https://h2020-coastal.eu/assets/content/Deliverables/773782-COASTAL-WP1-D04.pdf>
250. Rachel Tiller (SINTEF); Jean-Luc de Kok (VITO), Bastiaan Notebaert (VITO), Noémie Wouters (GRBR), Frank Stubbe (VLM), Sarina Motmans (POM), Wim Stubbe (AGHO), Steven Dauwe (VLIZ), Hans Pirlet (VLIZ); Françoise Vernier (IRSTEA), Jean-Marie Lescot (IRSTEA), Jean Prou, Jean -Luc Fort, Sandrine Sabatié; Luminita Lazar, Florin Timofte, Magda-Ioana Nenciu, Mariana Golumbeanu; **Georgia Destouni** (SU), Samaneh Seifollahi-Aghmiuni (SU), Zahra Kalantari (SU), Carmen Prieto (SU), Yuanying Chen (SU); Giorgos Maneas (SU), Erasmia Kastanidi (HCMR), Ioannis Panagopoulos (HCMR), Aris Karageorgis, (HCMR), Alice Guittard (Icre8); Håkon Berg (SU); SPAIN: Javier Martínez-López (CSIC), Joris de Vente (CSIC), Carolina Boix-Fayos (CSIC) and Juan Albaladejo (CSIC), *Sectoral Analysis of Coastal and Rural Development*, Deliverable Report D03 in EU H2020 project COASTAL – Collaborative Land-Sea Integration Platform, 2020. <https://h2020-coastal.eu/assets/content/Deliverables/773782-COASTAL-WP1-D03.pdf>
251. Ebum Akinsete (ICRE8), Alice Guittard (ICRE8), Maxime Depoorter (GRBR), Bastiaan Notebaert, Jean-Luc de Kok (VITO), Giorgos Maneas (SU NEO), Erasmia Kastanidi(HCMR), **Georgia Destouni**, Zahra Kalantari and Samaneh Seifollahi (SU), Jean-Marie Lescot and Françoise Vernier (IRSTEA), Luminita Lazar(NIMRD), Joris de Vente and Javier Martínéz-Lopez (CSIC), Ruxandra Pop and Steliana Rodino(ICEADR), Noemie Wouters (GRBR), *Coastal-RuralGeneric Scenarios and Transition Pathways*, Deliverable Report D18 in EU H2020 project COASTAL – Collaborative Land-Sea Integration Platform, 2020. <https://h2020-coastal.eu/assets/content/Deliverables/773782-COASTAL-WP5-D18.pdf>
252. Jean-Luc de Kok (VITO), Bastiaan Notebaert (VITO), **Georgia Destouni** (SU), Samaneh Seifollahi-Aghmiuni (SU), Giorgos Maneas (SU), Erasmia Kastanidi (HCMR), Ioannis Panagopoulos (HCMR), Aris Karageorgis, (HCMR), Françoise Vernier (IRSTEA), Jean-Marie Lescot (IRSTEA), Luminita Lazar, Florin Timofte, Mariana Golumbeanu (INCDM), Ruxandra Pop (ICEADR), Alice Guittard, Ebum Akinsete, Phoebe Koundouri (ICRE8), Javier Martínez-López, Joris de Vente (CSIC), Zsuzsanna Selmeczy (GEO), Maxime Depoorter (GRBR), *Practice Abstracts 1-36 Reporting Period I*, Deliverable Report D30 in EU H2020 project COASTAL – Collaborative Land-Sea Integration Platform, 2019. <https://h2020-coastal.eu/assets/content/Deliverables/773782-COASTAL-WP6-D30.pdf>
253. Maxime Depoorter, Noémie Wouters (GRBR), Ebum Akinsete (ICRE8), Bastiaan Notebaert, Jean-Luc de Kok (VITO), Giorgos Maneas (SU NEO), Aris Karageorgis and

- Erasmia Kastanidi(HCMR), **Georgia Destouni**, Zahra Kalantari and Samaneh Seifollahi (SU), Jean-Marie Lescot and Françoise Vernier (IRSTEA), Luminita Lazar(NIMRD), Joris de Vente and Javier Martín-López (CSIC), Sherine Elwattar, Alice Guittard (ICRE8), Ruxandra Pop (ICEADR), Rachel Tiller (SINTEF), Katalin Balazs (Geonardo), 2019. *Inventory of scenarios and transition pathways*, Deliverable Report D17 in EU H2020 project COASTAL – Collaborative Land-Sea Integration Platform, 2019. <https://h2020-coastal.eu/assets/content/Deliverables/773782-COASTAL-WP5-D17.pdf>
254. Ebul Akinsete, Stella Apostolaki, Alice Guittard, Sherine Elwattar, Phoebe Koundouri, Stella Tsani - ICRE8; CEBAS: Joris De Vente, Javier Martínez-López; HCMR: Aris Karageorgis, Erasmia Kastanidi; ICEADR : Pop Ruxandra ; INCDM: Luminita Lazar; SU: **Georgia Destouni**, Giorgos Maneas, Samaneh Seifollahi; VITO: Jean-Luc de Kok, Bastiaan Notebaert, *Inventory of Business Opportunities & Policy Alternatives*, Deliverable Report D09 in EU H2020 project COASTAL – Collaborative Land-Sea Integration Platform, 2019. <https://h2020-coastal.eu/assets/content/Deliverables/773782-COASTAL-WP3-D09.pdf>
255. **Destouni G**, Asokan SM, Augustsson A, Balfors B, Bring A, Jaramillo F, Jarsjö J, Johansson E, Juston J, Levi L, Olofsson B, Prieto C, Quin A, Åström M, Cvetkovic V, *Needs and means to advance science, policy and management understanding of the freshwater system – A synthesis report*. Research project: Climate-land-water changes and integrated water resource management in coastal regions (KLIV), of Stockholm University, The Royal Institute of Technology and Linnaeus University, Sweden, 2015. <http://urn.kb.se/resolve?urn=urn:nbn:se:su:diva-117549>
256. Arctic-HYDRA (including **Destouni G.** as co-author and scientific leader), *The Arctic Hydrological Cycle Monitoring, Modelling and Assessment Programme - Science and implementation*, ISBN 978-9979-9975-0-4, 2010.
257. **Destouni G.**, and Frank H., *Renewable Energy, Ambio*, 39, Supplement 1, 18-21, DOI 10.1007/s13280-010-0059-7, 2010.
258. Mäler. K.G., Li, C.Z., **Destouni, G.**, *Pricing Resilience in a Dynamic Economy-Environment System: A Capital-Theoretical Approach*, Beijer Discussion Papers, 208, The Beijer Institute of Ecological Economics, Stockholm, 2007.
259. Jarsjö J., **Destouni G.**, Persson K., Prieto C., *Solute transport in coupled inland-coastal water systems, General conceptualisation and application to Forsmark*, SKB Report R-07-65, Swedish Nuclear Fuel and Waste Management Co (SKB), Stockholm, 2007.
260. Hannerz F., **Destouni G.**, Cvetkovic V., Frostell B., and Hultman B., *A flowchart for sustainable integrated water management following the EU Water Framework Directive*, European Water Management Online, 2005/04, 2005. http://www.ewaonline.de/journal/2005_04.pdf
261. Walder, I. F., Nilssen, S., Räisänen, M. L., Heikkinen, P., Pulkkinen, K., Korkka-Niemi, K., Salonen, V.-P., **Destouni, G.**, Hasche, A., Wolkersdorfer, C., Witkowski, A. J., Blachère, A., Morel, S., Lefort, D., Midžic, S., Silajdžic, I., Coulton, R. H., Williams, K. P., Rees, B., Hallberg, K. B. & Johnson, D. B., *Contemporary Reviews of Mine Water Studies in Europe, Part 2*. *Mine Water and the Environment*, 24 (1): 2-37, doi:10.1007/s10230-005-0068-0, 2005.
262. Jarsjö J., Shibuo Y., Prieto C., and **Destouni G.**, *GIS-based modelling of coupled groundwater-surface water hydrology in the Forsmark and Simpevarp areas*, SKB Project Report, Swedish Nuclear Fuel and Waste Management Co (SKB), Stockholm, 2005.
263. Amezaga, J, Baresel, C, **Destouni, G**, Göbel, J, Gren, I.-M, Hannerz, F, Larsén, L, Loredó, J, Malmström, M, Nuttall, C, Santamaría, L, Veseliè, M, Wolkersdorfer, C, Younger, P. (ERMITE Consortium), *Mining Impacts on the Fresh Water Environment: Technical and Managerial Guidelines for Catchment-Focused Remediation*, In: Younger PL, Wolkersdorfer C (eds). *Mine Water and the Environment*, 23, Suppl. Issue 1, pp 80, 2004.

264. Jarsjö J., Shibuo Y., **Destouni G.**, *Using the PCRaster-POLFLOW approach to GIS-based modeling of coupled groundwater-surface water hydrology in the Forsmark area*, SKB Report R-04-54, Swedish Nuclear Fuel and Waste Management Co (SKB), Stockholm, 2004.
265. Kavanaugh, M. C., Rao, P. S. C., Abriola, L., Cherry, J., **Destouni, G.**, Falta, R., Major, D., Mercer, J., Newell, C., Sale, T., Shoemaker, S., Siegrist, R., Teutsch, G., Udell, K, *The DNAPL remediation challenge: is there a case for source depletion?* Expert panel report EPA/600/R-03/143; Environmental Protection Agency (EPA), USA, 2003.
266. **Destouni G.**, *Recommendations for mine water management in Sweden*, ERMITE Report: D7.3; the European Commission Fifth Framework Programme, Energy, Environment and Sustainable Development, Contract No EVK1-CT-2000-0078, University of Oviedo, 2003.
267. **Destouni, G.** and Jarsjö, J., 2003. *Study of the Groundwater Contribution to the Aral Sea Region Water Supply and Water Quality: Strategies for Reversibility and Pollution Control*, INTAS project 1014, CR-1 contribution to the first periodic report, March 10, 2003.
268. Baresel C., Larsén K., **Destouni G.**, and Gren I.-M., *Economic analysis of mine water pollution abatement on a catchment-scale*, ERMITE Report: D5, The European Commission Fifth Framework Programme, Energy, Environment and Sustainable Development, Contract No EVK1-CT-2000-0078, University of Oviedo, 2003.
269. **Destouni, G.**, Lindgren G., Gren, I.-M., 2003. *Effects of solute pathway and travel time variability on catchment-scale nitrogen budgets*, Part A in final project report Coupled hydrologic-economic modelling of water quality for application of the EU Water Framework Directive, Foundation J Gust Richert, Stockholm.
270. **Destouni, G.**, and Gren, I.-M., 2003. *Abatement inefficiency costs implied by neglecting nitrogen pathway and travel time variability in catchments*, Part B in final project report Coupled hydrologic-economic modelling of water quality for application of the EU Water Framework Directive, Foundation J Gust Richert, Stockholm.
271. Lindgren G., and **Destouni G.**, *National case study 3. Sweden*, in ERMITE Report: D3 Institutional Relationships, The European Commission Fifth Framework Programme, Energy, Environment and Sustainable Development, Contract No EVK1-CT-2000-0078, University of Oviedo, 2002.
272. Hannerz F., and **Destouni G.**, *National case study 30. Sweden*, in ERMITE Report: D2 Overview of the EU and Eastern Europe, The European Commission Fifth Framework Programme, Energy, Environment and Sustainable Development, Contract No EVK1-CT-2000-0078, University of Oviedo, 2002.
273. Jarsjö J., **Destouni G.** and Gale J., *Groundwater degassing and two-phase flow in fractured rock: Summary of results and conclusions achieved during the period 1994-2000*, SKB Technical Report, TR-01-13, Swedish Nuclear Fuel and Waste Management Co, Stockholm, 2001.
274. Salmon S.U., and **Destouni G.**, *National case study Sweden*, in ERMITE Report: D1 National Case Studies, The European Commission Fifth Framework Programme, Energy, Environment and Sustainable Development, Contract No EVK1-CT-2000-0078, University of Oviedo, 2001.
275. Prieto C., **G. Destouni**, H. Gotovac, S. Berglund, and R. Andricevic, *Final case study report*, in WASSER: *Utilisation of Groundwater Desalination & Wastewater Reuse in the Water Supply of Seasonally-Stressed Regions* (ed. Koussis A.D.), WASSER Final Report, The European Commission DG XII-D, Environment and Climate Programme, Contract No ENV4-CT97-0459, National Observatory of Athens, 2001.
276. **Destouni, G.**, C. Prieto, and S. Berglund, *Concept clarification - Exemplified for Rhodes case study*, in WASSER 2nd Progress Report, Annex I.3, The European Commission DG XII-D, Environment and Climate Programme, Contract No ENV4-CT97-0459,

- National Observatory of Athens, 2000.
277. Berglund, S., H. Gotovac, **G. Destouni**, R. Andricevic, and C. Prieto, *Israel case study, First results of stochastic simulations*, in WASSER 2nd Progress Report, Annex I.2, The European Commission DG XII-D, Environment and Climate Programme, Contract No ENV4-CT97-0459, National Observatory of Athens, 2000.
 278. Prieto C., H. Gotovac, S. Berglund, **G. Destouni**, and R. Andricevic, *Israel case study, Deterministic and temporal variability investigations*, in WASSER 2nd Progress Report, Annex I.1, The European Commission DG XII-D, Environment and Climate Programme, Contract No ENV4-CT97-0459, National Observatory of Athens, 2000.
 279. **Destouni, G.**, C. Prieto, S. Berglund, D. Bojanic, R. Andricevic, and V. Cvetkovic, *Groundwater Dynamics*, in WASSER 1st Progress Report, Annex I, The European Commission DG XII-D, Environment and Climate Programme, Contract No ENV4-CT97-0459, National Observatory of Athens, 1999.
 280. Jarsjö J., and **Destouni G.**, *Groundwater Degassing in Fractured Rock: Modelling and data comparison*, SKB technical report TR-98-17, Swedish Nuclear Fuel and Waste Management Co, Stockholm, 1998.
 281. **Destouni G.**, Malmström M., Berglund S., and Lindgren M., *Modelling of Acid Mine Drainage from Waste Rock and Mill Tailings*, State-of-the-Art Report, Report 3057, Department of Civil and Environmental Engineering, Royal Institute of Technology, Stockholm, Sweden, 1998.
 282. Andersson C., **Destouni G.**, and Gren I.-M., *Kopplad analys av hydrokemisk transport, åtgärdskostnader och miljörisker som hjälpmedel vid miljöbeslut*, Report 3033, Department of Civil and Environmental Engineering, Royal Institute of Technology, Stockholm, Sweden, 1997.
 283. Jarsjö J., and **Destouni G.**, *Conditions for fracture transmissivity reduction due to degassing of groundwater: Analytical expressions, numerical simulations and analysis of laboratory and field data*, SKB progress report HRL-97-03, Swedish Nuclear Fuel and Waste Management CO, Stockholm, 1997.
 284. Jarsjö J., and **Destouni G.**, *Groundwater degassing: Pilot injection-withdrawal field tests with gas saturated water*, SKB progress report HRL-97-02, Swedish Nuclear Fuel and Waste Management CO, Stockholm, 1997.
 285. **Destouni G.**, Nilsson P. and Pedersen K., *Utvärdering av NUTEK-projektet: Samordnad deponigas - Forskning, Utveckling och Demonstration (FUD) 1989-1995*, NUTEK R 1996:35, 1996.
 286. Foussereau X.V., Graham W.D., and **Destouni G.**, *Field-scale subsurface transport of a surface applied tracer: experimental results and stochastic modeling*, Florida Agricultural Experiment Station Journal, Series No. R04283, 1994.
 287. Eriksson N., and **Destouni G.**, *Modelling field-scale transport of weathering products in mining waste rock dumps*, in Bureau of Mines Special Publication SP 06 A-94, p.p. 50-59, 1994.
 288. Eriksson N., **Destouni G.**, Strömberg B., and Banwart S., *Mobilisation and transport of heavy metals in waste deposits*, AFR-report 44, The Swedish Waste Research Council, Stockholm, 1994.
 289. Eriksson N., **Destouni G.**, Cvetkovic V., Strömberg B., and Banwart S., *Mobilization and transport of heavy metals in waste deposits*, Annual report 1992/93, The Swedish Waste Research Council, 1993.
 290. **Destouni G.**, *Användning av geostatistik för uppskattning av potentiella förändringar i grundvattenkvaliteten*, Final report, The Swedish Geological Survey, 1992.
 291. **Destouni G.**, *Storskalig transport av reaktiva vattenlösliga ämnen i marken*, Final report, The National Swedish Environmental Protection Agency, 1992.
 292. **Destouni G.**, and Johansson M., *Seasonal storage of groundwater - A study of groundwater dams in South India*, MSc thesis, Dept. of Hydraulic Engineering, (also Report

- 6/89, International Unit,) Royal Institute of Technology, Stockholm, Sweden, 1987.
293. Werner R., and **Destouni G.**, *Inventering av dammar, kontroll och bedömning av utförda besiktningar*, a report for the Swedish Department of Industry, 1986.

Outreach and engagement examples

2022

294. *Medelhavsmuseet*, [Alice Petré och Medelhavet: Medelhavet utan vatten](#) (Mediterranean museum discussion program: with **G. Destouni** as guest on the Mediterranean region without water), December 8, 2022.
295. **Destouni G.**, Climate sensitivity of infectious diseases in the changing north, Symposium on [Security and preparedness in the changing north – research perspectives](#), Royal Swedish Academy of Sciences, November 8-9, 2022.
296. Scaini A, Vigouroux G, **Destouni G**, H2020 773782- COASTAL MAL03 Flipbook - *Norrström, Östersjön: Arbetsflöde, frågor och vägen framåt*, Zenodo, 2022. <https://doi.org/10.5281/zenodo.7225105>
297. Johanna Alkan Olsson, Dan-Erik Andersson, Ronny Berndtsson, **Georgia Destouni**, Maria Caroline Hansson, Ulf Jeppsson, Karin Jönsson, Rolf Larsson, Jonas Nordström, Kenneth M Persson, Björn Sjöberg, Britta Sjöstedt, Charlotte J Sparrenbom, Gunnar Söderholm, Anna Thomasson, [Vattnet behöver få plats i riksdagen – Sverige behöver en vattenplan](#) (Water needs a place in government – Sweden needs a water plan), *Sydsvenskan*, September 15, 2022.
298. *Aftonbladet*, [Tre konsekvenser för dig när jorden blir varmare](#), (Three consequences for you as Earth gets warmer), August 31, 2022.
299. **Destouni G**, Burman C, Brehm W, Science communication, [The FreshEd podcast #283](#) joint with [Bakom Bokhyllan podcast #41](#), July 2022.
300. **Destouni G**, [Vatten och klimat – förändringar i samspel](#) (Water and climate – interplaying changes) Popular Science Academy Talk, Royal Swedish Academy of Sciences, June 8, 2022.
301. **Destouni G**, invited talk on ”Digitala tvillingar och levande laboratorier för hantering av vattenförändringar” (Digital twins and living labs for handling water changes), RIFO - Association of MPs and Researchers), Swedish Parliament, Stockholm, April 20, 2022.
302. **Destouni G**, keynote talk and panel discussion on “Grundvatten i ett föränderligt klimat: hur använder vi det hållbart?” (Groundwater in a changing climate: how do we use it sustainably), [World Water Day event](#), Stockholm, March 22, 2022.
303. *Stockholm University News*, February 17, 2022, “[Ärvda föroreningar styr vattenkvaliteten](#)” (Legacy sources determine water quality).

2021

304. **Destouni G**, Debate article: “[Risk att vattenresurser minskar till en tiondel](#)” (Risk of large wetland and water resource decline), *Aftonbladet*, 29 December, 2021.
305. *Rädda Östersjön*, [Hållbarhet Sverige](#), “[Övergödningen av Östersjön kan minska genom att identifiera och åtgärda ärvda utsläppskällor](#)” (The Baltic Sea eutrophication can decrease by identifying and mitigating legacy sources), 29 November, 2021.
306. *IVA Webinar*, [8 September 2021, launching](#): Svedberg T, **Destouni G**, Ek L, Persson KM, Sjöberg B, Söderholm G, Tumpane J, “[Agenda för hållbar vattenförsörjning](#)” (Agenda for water security), Royal Swedish Academy for Engineering Sciences (IVA) Report, 2021.
307. *Vetenskapsradion*, “[Gamla gällor till övergödning värre än dagens](#)” (Legacy sources of eutrophication worse than the currently active ones), August 2021.
308. *Vetenskapsradion*, “[Extrem torka kring Medelhavet att vänta](#)” (More extreme droughts expected around the Mediterranean), August 2021.
309. *Aftonbladet*, “[Tre experter om extremvädret: ‘Vi måste handla nu’](#)” (Three experts on the extreme weather: ‘We must act now’), 24 July, 2021.

310. SvD, "[Forskare: Vårfloden kan sina - finns ingen strategi](#)" (Dwindling spring flow – without strategy), 17 April 2021.
311. SvD, "[Hur länge kommer rent vatten i kranen?](#)" (How long will we get clean water from the tap?) 17 April 2021.
312. IVA Webinar, [12 April 2021, launching: Destouni G](#), Gren I-M, Högvik M, Kjellson H, Lindblom L, Lindroth A, Olsson J, Rahm T, Sandborgh U, Thörn P, Byman K, Klimatförändringar och hållbar vattenförsörjning (Climate change and sustainable water availability), Report, Royal Swedish Academy of Engineering Sciences (IVA), 2021. <https://www.iva.se/globalassets/rapporter/hallbar-vattenforsorjning/202103-iva-hallbar-vattenforsorjning-rapport1-h.pdf>
313. *Research outreach*, "[Climate change and the rise of infectious diseases: An Arctic perspective](#)" about Nordic Excellence Project CLINF, 2021.
314. Engström E.R., Collste D., Cornell S.E., Johnson F.E., Carlsen H., Jaramillo F., Finnveden G., Destouni G., Howells M., Weitz N., Palm V., Fuso-Nerini F., "[Why local sustainability planning should be globally focused](#)", Stockholm Resilience Centre, May 2021.
315. Porkka M, Wang-Erlandsson L, **Destouni G**, Ekman A, Rockström J, Gordon LJ, "[In drought-prone Sahel, rain still remains a gift only few farmers can enjoy](#)", Stockholm Resilience Centre, February 2021.
316. *Vetenskapsradion*, Forskarliv, "[Gia Destouni har lösningarna för att stoppa hotande klimatflyktingkatastrof](#)" (Gia Destouni has solutions against threats of climate migration catastrophe), February 2021.

2020

317. *Vetenskapsradion*, "[Människans metoder mot ett stigande hav](#)" (Solution measures against a rising sea), November, 2020.
318. *European Civic University Alliance* – [CIVIS online conference: Education for a sustainable future](#), **Destouni G** keynote address: "[Wicked water problems](#)", November, 2020.
319. *Film reports on Agenda 2030 research at Stockholm University*, **Destouni G** on Sustainable Development Goal 6 "[Hur kan man säkra hälsosam vattenkvalitet i framtiden?](#)" (How can we ensure clean, healthy water in the future?), September 2020.
320. **Destouni G**, "[Onormalt låga grundvattennivåer trots regnig sommar](#)" (Lower than normal groundwater levels despite rainy summer), Stockholm University research news, September, 2020.
321. Ramboll News, "[Tre eldsjäljar delar på Sveriges största byggpris](#)" (Three enthusiasts share Sweden's greatest prize for built environment), September 2020.
322. Kalantari Z, Moshir Panahi D, **Destouni G**, [Iran: decades of unsustainable water use has dried up lakes and caused environmental destruction](#), *The Conversation*, August 3, 2020.
323. YouTube Channel of Natural Science Faculty, Stockholm University, "[Hej forskare! Gia Destouni, hydrolog](#)" (Hello researcher! Gia Destouni, hydrologist), March 2020.

2019

324. IVA-podcast, 2019, "[Hur vattenförsörjningen påverkas av klimatförändringar](#)"
325. SVT 1, 2019, Documentary "[Efter Floden](#)"

2018

326. Klotet, Vetenskapsradion – Julprogram, 19 dec 2018, [Jul, jul, klimatsmarta jul!](#)
327. Klotet, Vetenskapsradion, 22 aug 2018, [Hetta, bränder och klimatångest](#)
328. Forskardagar, Stockholms universitet, 2 oktober 2018, även Utbildningsradion Play, [Hur står det till med jordens blodomlopp?](#)

329. European Geosciences Union, 2018, [Interview on History of Hydrology](#) (see also [short description](#))
330. Advanced Science News, 2018, [Dead Sea Areas: Call for Better Management](#)
331. SU Hållbarhetsforum om Framtidens energi och resurser, 21 mars 2018, [Paneldebatt: Hur kan vi uppnå Agenda 2030 I en polariserad värld? - Presentation i workshop: Framtidens vatten](#)
- 2017**
332. SU-podcast om klimatanpassningsutredningen, maj 2017, [Vad händer i Sverige när jordklotets temperatur stiger?](#)
- 2016**
333. Extract, 27 januari 2016, [När sötvattnet försvinner](#)
334. **Destouni G**, Forskning & Framsteg, 2016, [Vart har Aralsjöns vatten tagit vägen?](#)
335. Kungahuset, 2016, [En afton om Östersjön - hoppfullhet och hot](#)
- 2015**
336. Washington Post, 2015, [Alarming research says humans are using up far more of Earth's water than previously thought](#)
337. Smithsonian, 2015, [Humans are draining even more of Earth's freshwater than we thought](#)
338. BBC, 2015, [Human water use greater than thought](#)
339. Nordenkiöld Lecturer, Gothenburg University, 15 September 2015, [Hydro-climatic change in permafrost regions](#)
340. **Destouni G**, [A Fellow Speaks: What Drives Global Change in Hydrology and Human Freshwater Consumption?](#), American Geophysical Union, Hydrology Section Newsletter, 2015
341. European Commission, *Science for Environment Policy*, 2015, [Screening soil moisture conditions reveals increased risk of drought in a Swedish drainage basin](#)
- 2014**
342. Quin A, Jaramillo F, **Destouni G**, Havsutsikt, 2014, [Våtmarker - rätt sätt att minska övergödningen?](#)
343. **Destouni G**, et al., SvD, 24 augusti, 2014, [Miljön måste få gå före nya jobb](#)
- 2013**
344. Vetenskapsradion, 2013, [Vattenexpert varnade för saltvatten vid kalkbrytning](#)
345. Evengård B, Nilsson L, **Destouni G**, [Säker tillgång till mat och vatten prioriterad fråga för Arktis](#), Läkartidningen, Debatt, 10 maj, 2013
346. Mazi K, **Destouni G**, Koussis AD, [Insight: sea-level tipping points affect groundwater quality near coast](#), Environmental Research Web, 2013
347. **Destouni G**, Vatten och klimat, Skolaktivitet: Vattenåret 2013, SU, 22 mars 2013
348. **Destouni G**, Stockholm Talks on Ecology and Climate and the international World Water Day: "Water and Climate" Stockholm University, March 22 2013
349. **Destouni G**, Vatten. Grundvatten. Långsiktig vattenförsörjning i redan torra områden. Seminar on: "Kalk, vatten, jobb och natur". Högskolan på Gotland och Region Gotland, January 22, 2013
- 2012**
350. Vetenskapsradion, 2012, [Klimatmodeller kanske hamnar fel](#)
351. Brännlund R, Aronsson T, Bäckstrand K, **Destouni G**, Gren IM, Söderholm P, [Vetenskapliga rådets utblick](#). *Miljö, ekonomi och politik*, Kap. 5, sid. 189-194. Konjunkturinstitutet, Stockholm, 2012

352. **Destouni G**, Från nederbörd till flöden: Vad är avgörande i processen? Seminarium om *Framtida flöden – utmaningar och anpassningar*. Föreningen Vatten, Stockholm, 7 november, 2012
353. **Destouni G**, The National Geosphere Laboratory, Conference on *Scientific Possibilities in the Oskarshamn Region in Kalmar County*. Kalmar, November 5-6, 2012
354. **Destouni G**, Klimatanpassning i Sverige: Sammanfattande perspektiv och vattenexempel. Seminar on *Anpassning till klimatförändringar - Särskilt avseende vattnets roll i jord- och skogsbruk*. Royal Swedish Academy of Agriculture and Forestry (KSLA), Stockholm, October 2, 2012
355. **Destouni G**, Åtgärder på land för lösningar i havet – storskalig effektivitet från åtgärdssamspel i landskapet mellan jordbruk, avloppsreningsverk, industri, anlagda våtmarker, Symposium on *Östersjöns framtid – hotad livsmiljö eller möjligheternas hav?* Swedish Royal Academy of Engineering Sciences, Stockholm, May 15, 2012
356. **Destouni G.**, Understanding water resources in a rapidly changing Arctic: Modelling, *Calotte Academy 2012: Water – globally and in North Calotte*, Kiruna, Sweden, May 29, 2012

2011

357. **Destouni G.**, Water research challenges and opportunities for the 21st century, *Navarino Environmental Observatory (NEO) Lecture Series 2011*, University of the Peloponnese, Kalamata, Greece, October 19, 2011
358. **Destouni G.**, Från åtgärd på åkern till effekt i vattenmiljön - Metoder för hänsyn till fördröjningsmekanismer, Seminar at The Royal Swedish Academy of Agriculture and Forestry: *Långa mätserier och beräkningar av växtnärläckaget från svensk åkermark – Hur ser trenderna ut och hur kan vi koppla åtgärder till effekter i vattenmiljön?*, Stockholm, September 13, 2011
359. Kleman J., **Destouni G.**, Gustafsson Ö., Holmgren K., Svensson G., Presentation of the Bert Bolin Centre for Climate Research for the Environmental Committee of Swedish Parliament, Stockholm, May 3, 2011
360. **Destouni G.**, Risk, klimat och osäkerheter vid hydrologisk föroreningsspridning, *Nätverket Renare Mark Vårmöte 2011*, Sundsvall, 13-14 April, 2011

2010

361. Vetenskapsradion, 2010, [Inte bara vädret bakom översvämningarna](#)
362. Bishop K., Goedkoop W., Johnson R., Löfgren S., Wallin M., Kreuger J., Kyllmar K., Tranvik L., Laudon H., **Destouni G.**, Tranvik L., Halldin S., Vingklippt Vattenvårdsarbete vid den nya havs- och vattenmiljömyndigheten, *VATTEN*, 66, 207–208, Lund, 2010
363. **Destouni G.**, Nutrient load: Getting the figures right, in *NORDIC MARINE SCIENCE TODAY*, Highlights from the Nordic Marine Sciences Conference 2010, Strömstad, pg. 15
364. **Destouni G.**, i TV panel, [UR Samtiden-Kunskapens krona: En pressad planet](#), Kunskapskanalen, 29 november 2010
365. **Destouni G.**, [Vattenkartläggning kan förhindra miljökatastrof](#), *Naturvetare*, 8, 6-8, 2010
366. Bishop K., Goedkoop W., Johnson R., Löfgren S., Wallin M., Kreuger J., Kyllmar K., Tranvik L., Laudon H., **Destouni G.**, Tranvik L., Halldin S., [Skilj inte på vatten och vatten!](#), *Uppsala Nya Tidning*, 30 oktober, 2010
367. Persson K., **Destouni G.** and Jarsjö G., *Risikvantifiering vid föroreningsspridning i mark och grundvatten*, Swedish Civil Contingencies Agency (MSB), 2010.
368. Kleman J., Rhode H., **Destouni G.**, Gustafsson Ö., Holmgren K., Jakobsson M., Nilsson J., Svensson G. and Tjernström M., [Ansvarslöst att inte göra något](#), *Brännpunkt, Svenska Dagbladet*, 25 maj, 2010
369. Kullander S., **Destouni G.**, Frank H., Fredholm B., Grandin K., Hedberg D. and Lundin R., Ny teknik minskar uranbrytningen, *Brännpunkt replik, Svenska Dagbladet*, 12 maj, 2010

370. Kullander S., **Destouni G.**, Frank H., Fredga K., Fredholm B., Grandin K., Hedberg D. and Lundin R., [Sverige bör satsa på ny kärnkraft](#), Brännpunkt, *Svenska Dagbladet*, 3 maj, 2010
371. **Energy Committee at the Royal Swedish Academy of Sciences** (including **G. Destouni**), *Systemskifte inom energiförsörjningen*, Concluding Conference, Royal Swedish Academy of Sciences, Stockholm, May 3, 2010, [Chairing panel discussion on Renewable Energy](#)
372. **Destouni G.**, Jarsjö J., *CO₂-lagring*, Seminarium om *Separation och lagring av koldioxid – vad säger forskarna om risker och möjligheter med CCS*, Swedish Society of Members of Parliament and Researchers (RIFO, Samverkansgruppen forskare och folkvalda), 24 mars, 2010
373. **Destouni G.**, Kvävet kretslopp och N₂O-emissioner i ett förändrat klimat, Seminarium om *Kväve och klimat - Dialog om odlingsmarkens utsläpp av lustgas*, The Swedish Society for Nature Conservation (Naturskyddsföreningen), 18 mars, 2010
374. **Energy Committee at the Royal Swedish Academy of Sciences** (including **G. Destouni**), *Statement on wind power*, Royal Swedish Academy of Sciences, 18 January, 2010
- 2009**
375. Vetenskapsradion, 2009, [Mycket lustgas från energigrödor](#), [Debatt om lustgas från energigrödor](#)
376. **Destouni G.**, Hedberg D., Frank H., Kullander S., and Mäler K.G., Det räcker med 10 TWh vindkraft, *Ny Teknik*, 21 December 2009
377. **Destouni G.**, Släpp in hydrologin i klimatforskningen, *Kemivärlden Biotech med Kemisk Tidskrift*, Nr. 11, 59, November 2009
378. **Energy Committee at the Royal Swedish Academy of Sciences** (including **G. Destouni**), *Message for the UN Copenhagen Climate Change Conference*, Royal Swedish Academy of Sciences, October, 2009
379. Hedberg D., **Destouni G.**, Frank H., and Kullander S., *Varför högst 10 TWh vindkraft i Sverige?*, Royal Swedish Academy of Sciences, October 2009
380. **Energy Committee at the Royal Swedish Academy of Sciences** (including **G. Destouni**), *Uttalande om vindkraft*, Royal Swedish Academy of Sciences, 17 September, 2009
381. **Energy Committee at the Royal Swedish Academy of Sciences** (Eds. Kullander S., **Destouni G.**, Hedberg D., Frank H., Westhom L.), Om vattenkraft, *Information från Kungl. Vetenskapsakademiens Energiutskott*, no 5, Royal Swedish Academy of Sciences, Stockholm, 2009
382. **Energy Committee at the Royal Swedish Academy of Sciences** (including **G. Destouni**), *Kärnkraften självklar del av framtidens energiförsörjning*, *Newsmill*, 13 May, 2009
- 2008**
383. **Destouni G.**, Sea's pollution hotspots 'missed', BBC News, <http://news.bbc.co.uk/2/hi/science/nature/7758700.stm>, 3 December, 2008
384. **Destouni G.**, [Klimat och naturrisker](#), i Myndigheten för samhällsskydd och beredskap (MSB): *Säkerhetsarbetet 2020, En idéskrift om framtidens risker och säkerhet*, sid. 10-11, 2008
385. **Energy Committee at the Royal Swedish Academy of Sciences** (including **G. Destouni**), *Statements on Solar Energy*, Royal Swedish Academy of Sciences, 10 November, 2008
386. **Energy Committee at the Royal Swedish Academy of Sciences** (Ed. **G. Destouni**), *Statements on Energy from Moving Water*, Royal Swedish Academy of Sciences, 9 October, 2008

387. Kuylenstierna J., **Destouni G.**, Lundqvist J., Feeding the Future World - Securing enough food for 10 billion people, in *Water and Food*, Jonas Förare (ed), The Swedish Research Council Formas, Stockholm, pp 9-21, 2008
388. **Destouni G.**, Miljöforskning med blå tråd, Vattenflöden – klimat, övergödning och miljögifter, *Senioruniversitetet*, Stockholm, March 3, 2008
389. **Destouni G.**, Klimat- och befolkningseffekter på vatten, *Forum för miljöforskning Tema VATTEN*, Stockholm, 6-7 February, 2008
390. **Energy Committee and Environmental Committee** (both including **G. Destouni**) at **the Royal Swedish Academy of Sciences**, *Statements on Bioenergy*, Royal Swedish Academy of Sciences, 23 June, 2008
391. **Energy Committee and Environmental Committee** (both including **G. Destouni**) at **the Royal Swedish Academy of Sciences**, *Uttalande om bioenergi*, Royal Swedish Academy of Sciences, 18 juni 2008

2007

392. Kuylenstierna J., **Destouni G.**, [Climate Change 2.0 and Water Management – Some Simple Thoughts on a Complex Issue!](#), *Publications on-line, Third World Centre for Water Management*, 2007
393. **Destouni, G.**, Aralsjöns öde ändrar klimatet, *Miljöforskning*, 5-6, 35, December 2007, The Swedish Research Council Formas, Stockholm, 2007
394. **Destouni, G.**, Förhindra föroreningar fordrar helhetstänkande, *Tvärnsnitt*, 4:07, 14-17, The Swedish Research Council, Stockholm, 2007
395. **Energy Committee at the Royal Swedish Academy of Sciences** (including **G. Destouni**), Om fusionsenergi, *Vetenskapliga argument i energidebatten*, no 3, Royal Swedish Academy of Sciences, September 2007
396. **Energy Committee at the Royal Swedish Academy of Sciences** (including **G. Destouni**), *Statements on Energy from Nuclear Fusion*, Royal Swedish Academy of Sciences, 29 August, 2007
397. Björck S., Backman J., Bengtsson S., **Destouni G.**, Rodhe H., *Uttalande från klimatgruppen inom akademiens klass för geovetenskaper angående Climate Change 2007: The Physical Science Basis*, Climate Group of the Class of Geosciences at the Royal Swedish Academy of Sciences, 5 June, 2007
398. **Destouni G.**, Panel debate on 21st century water challenges and possibilities, *Nutidsakademien*, Aula Magna, Stockholm University, May 8, 2007
399. **Destouni G.**, Det finns inga vattenproblem i Sverige, eller hur?, *Open World Water Day seminar*, Aquaria Water Museum, Stockholm, 22 March, 2007
400. **Energy Committee and Environmental Committee** (both including **G. Destouni**) at **the Royal Swedish Academy of Sciences**, *En studie om klimatförändringar*, Royal Swedish Academy of Sciences, 30 January, 2007

2006

401. **Destouni G.**, Vattenmiljö, Open seminar arranged by the *Swedish Society of Members of Parliament and Researchers (RIFO)*, Stockholm, December 12, 2006
402. **Energy Committee at the Royal Swedish Academy of Sciences** (including **G. Destouni**), Om kärnkraft, Information från Kungl. Vetenskapsakademiens Energiutskott, *Vetenskapliga argument i energidebatten*, no 2, Royal Swedish Academy of Sciences, June 2006
403. **Energy Committee at the Royal Swedish Academy of Sciences** (including **G. Destouni**), *Statements on Energy from Nuclear Fission*, Royal Swedish Academy of Sciences, 29 June, 2006
404. Kullander S., **Destouni G.**, Frank H., Fredga K., Fredholm B., Gee D., Grandin K., Jagers P., Kasemo B., Lundin R., Mäler K.G., Niblaeus K., and Nordén B., Minska oljeberoendet nu!, *Uppsala Nya Tidning*, January 25, 2006

2005

405. **Destouni G.**, Vem bestämmer vattenkvaliteten vid Kungliga Slottet i Stockholm?, *Senioruniversitetet, Folkuniversitetet*, Stockholm, December 6, 2005
406. **Destouni G.**, Liljenström H., and Wörman A., Stärk kunskapen om jorden, *Uppsala Nya Tidning*, November 11, 2005
407. **Energy Committee at the Royal Swedish Academy of Sciences** (including **G. Destouni**), Om Oljan, Information från Kungl. Vetenskapsakademiens Energiutskott, *Vetenskapliga argument i energidebatten*, no 1, Royal Swedish Academy of Sciences, October 2005
408. **Energy Committee at the Royal Swedish Academy of Sciences** (including **G. Destouni**), *Statements on Oil*, Royal Swedish Academy of Sciences, 14 October, 2005
409. **Destouni G.**, Behöver vi natur-teknikvetenskaplig forskning för att förvalta vatten rätt?, invited presentation by the *Swedish Association of Civil Engineers (SVR)*, Stockholm, October 11, 2005
410. **Destouni G.**, The Aral Sea case - Changing coastal groundwater systems around shrinking seas, in (eds: Johansson B., and Sellberg B.) *Groundwater under threat*, The Swedish Research Council Formas, Stockholm, 21-27, 2005
411. **Destouni G.**, Det evigt strömmande vattnet, Popular science lecture, *Pensionärsuniversitet / Folkuniversitet*, Västerås, Sweden, March 7, 2005

2004

412. **Destouni G.**, Vattnet i vår värld – gränsöverskridande vattenresurser och gränslösa resurskonflikter, Open popular science lecture, *Tuesday Academy*, Stockholm University, October 19, 2004
413. **Destouni G.**, Det evigt strömmande vattnet – genom system i samverkan och i kris, *Carl Gustaf Bernhard lecture*, Royal Swedish Academy of Sciences, April 28, 2004
414. **Destouni G.**, Mining and the water framework directive – Water resources, ERMITE Policy Brief No 2.1, *EU policy recommendations from EU project ERMITE* (Environmental Regulation of Mine Waters in the European Union), 2004

2003

415. **Destouni G.**, Hannerz F., Cvetkovic, V., Frostell, B., and Hultman, B., Ett flödeschema för integrerad vattenförvaltning och operativt genomförande av ramdirektivet för vatten, *Vatten*, 59, 247-258, 2003

2002

416. **Destouni G.**, Ett fasligt liv i underjorden, Feature comment, *Dagens Forskning*, 22, November 18-19, pg. 17, 2002

2001

417. **Destouni G.**, and Gren I.M., Vad kostar det att rena Östersjön?, Press conference arranged by *Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS)*, Stockholm, March 21, 2001
418. **Destouni G.**, Föroreningar i vatten, in *Planeten Oceanen - vårt behov av vatten, En dokumentation från Edbergseminariet 2001* (ed. Elmered Vogt K.), Edbergstiftelsen, Karlstad, Sweden, 2001
419. **Destouni G.**, Räkna med risker, *VAV-Nytt*, 3, 46-47, 2001
420. **Destouni G.**, Vatten mer värt än ett vitt, Brännpunkt, *Svenska Dagbladet*, May 3, 2001

1998

421. Andersson C., **Destouni G.**, and Gren I.M., *Förorening av grundvatten: osäkerhet, miljörisker och kostnader för skydd och kontroll*, Report 3055, Department of Civil and Environmental Engineering, Royal Institute of Technology, Stockholm, Sweden, 1998
422. Werner K., and **Destouni G.**, *Tungmetallutsläpp från gruvavfall i ett långsiktigt perspektiv*,

Report 3056, Department of Civil and Environmental Engineering, Royal Institute of Technology, Stockholm, Sweden, 1998

1995

423. **Destouni G.**, Vattenvägar och materialflöden i marken, *Det evigt vandrande vattnet*, Swedish Natural Science Research Council / Swedish Science Press, Uppsala, 101-110, 1995