

## Anställning

### Medlem i Strategiskt forskningsområde

MECW: The Middle East in the Contemporary World  
Lunds universitet  
Lund, Sverige  
2009 feb. 1 → present

### Profilområdesmedlem

LTH profilområde: Vatten  
Lunds universitet  
Sverige  
1982 juli 1 → present

### Professor

Avdelningen för Teknisk vattenresurslära  
Lunds universitet  
Lund, Sverige  
1982 sep. 1 → present

### Föreståndare

Centrum för Mellanösternstudier (CMES)  
Lunds universitet  
Lund, Sverige  
2009 dec. 1 → present

## Forskningsoutput

### Enhancing Operational Efficiency in Water Canals Using Sequential Fuzzy Reinforcement Learning

Shahverdi, K., Loni, R., Yoosefdoost, I., Berndtsson, R., Kaviani, M. & Yoosefdoost, A., 2026 mars 14, I: Water Resources Management. 40, 189.

### Redefining water scarcity through the integrated water strategic resilience index amid climate and conflict pressures

Verre, F., Kumar, K., Berndtsson, R. & Hashemi, H., 2026 mars 14, (E-pub ahead of print) I: Scientific Reports. 9088.

### Rapid prediction of soil hydraulic and physicochemical properties using the Nix Pro color sensor

Cheshmberah, F., Zolfaghari, A. A., Taghizadeh-Mehrjardi, R. & Berndtsson, R., 2026 mars, I: Geoderma Regional. 44, 10 s., e01064.

### From fractions to fragments: Policy to practice through AI-driven multiscale spatial planning for groundwater nitrate management

Naghibi, A., Ahmadi, K., Mousavi, S. M., Haghighi, A. T., Nilsson, B. & Berndtsson, R., 2026 feb. 18, (E-pub ahead of print) I: Water Research. 296, s. 125597

### Sudan's internal hesitance over the GERD: policy, polarization, and national strategy

Verre, F., Berndtsson, R. & Hashemi, H., 2026 feb. 18, (E-pub ahead of print) I: Water International.

### Advances and Prospects of Modified Activated Carbon-Based Slow Sand Filtration for Microplastic Removal

Qu, Z., Zhantikekeyev, U., Kakimov, U., Toshtay, K., Rysbekov, K., Yusof, N. N. B., Berndtsson, R. & Azat, S., 2026 jan., I: Water (Switzerland). 18, 2, 228.

### Managing coastal aquifer salinity risks: Strategies for balance, recharge, and crop adaptation

Motevalli, A., Moradi, H. R., Hashemi, H., Javadi, S. & Berndtsson, R., 2026, I: Journal of Contaminant Hydrology. 276, 104776.

**Improving the performance of daily pan evaporation (Evp) prediction using the ensemble empirical mode decomposition combined with deep learning models**

Kayhomayoon, Z., Arya Azar, N., Ghordoyee Milan, S., Berndtsson, R. & Kianmehr, P., 2025 dec. 4, I: Scientific Reports. 15, 1, 43178.

**Deep groundwater in the Kumamoto area affected by nitrate nitrogen with source origin by sterols**

Nakagawa, K., Li, Z., Hosono, T., Takao, Y. & Berndtsson, R., 2025 dec., I: Journal of Hydrology. 662, 12 s., 134101.

**Hydrostatic pressure wheel in water distribution systems**

Shahverdi, K. & Berndtsson, R., 2025 dec., I: Scientific Reports. 15, 37032.

**Performance of a Zeolite-Filled Slow Filter for Dye Removal and Turbidity Reduction**

Sultakhan, S., Kunarbekova, M., Khalkhabai, B., Kakimov, U., Kuldeyev, E., Berndtsson, R., Lee, J. & Azat, S., 2025 dec., I: Water (Switzerland). 17, 24, 3557.

**Phosphorus stress-induced root exudates mediated plant-microbe interactions of *Melilotus officinalis***

Yang, Z., Wu, T., Niu, J., Zhang, L., Chen, X., Berndtsson, R., Yang, T. & Dou, T., 2025 dec., I: Rhizosphere. 36, 101186.

**China's South-to-North Water Diversion Project: A Review and Reach Beyond China's Borders**

Jia, Y., Zhang, L., Niu, J. & Berndtsson, R., 2025 nov. 16, I: Water. 17, 22, 3275.

**Snow transitions to rain: A review of atmospheric melting layer studies using micro rain radar and complementary approaches**

Hosseini, H., Hashemi, H., Olsson, J., Thorndahl, S. L., Rydberg, B., Körnich, H. & Berndtsson, R., 2025 nov., I: Atmospheric Research. 326, 108307.

**Implementering av blå-grön infrastruktur i Sverige: Barriärer för storskalig implementering av blå-grön infrastruktur och några förslag till hur dessa kan överbryggas**

Lykke Sörensen, J., Hanson, H., Alkan Olsson, J. & Berndtsson, R., 2025 okt. 27, Naturvårdsverket. 89 s.

**Assessment of water fluxes under the dual threat of changes in land cover and climate variability in the Brazilian Cerrado biome**

Schwamback, D., Amorim Brandão, A. R., Berndtsson, R., Wendland, E. & Persson, M., 2025 okt., I: Journal of Hydrology: Regional Studies. 61, 16 s., 102699.

**Identifying Fresh Groundwater Potential in Unconfined Aquifers in Arid Central Asia: A Remote Sensing and Geo-Information Modeling Approach**

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**Strategies for present and future bubbler irrigation system management in a Saharan date palm oasis under climate change**

Zemni, N., Slama, F., Bouksila, F., Dakhlaoui, H., Dhaouadi, L., Sidhom, O., Berndtsson, R. & Bouhlila, R., 2025 okt., I: Agricultural Water Management. 319, 109811.

**Developing Rainfall Spatial Distribution for Using Geostatistical Gap-Filled Terrestrial Gauge Records in the Mountainous Region of Oman**

El-Basir, M. A. A., Hamed, Y., Selim, T., Berndtsson, R. & Helmi, A. M., 2025 sep., I: Water (Switzerland). 17, 18, 2695.

**Household Satisfaction and Drinking Water Quality in Rural Areas: A Comparison with Official Access Data**

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**Optimal conjunctive use of surface water and groundwater resources: a systematic state-of-the-art review with potential application in arid and semi-arid regions**

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Amano, H., Nakagawa, K., Ichikawa, T. & Berndtsson, R., 2025 aug., I: Water (Switzerland). 17, 16, 2466.

**Photocatalytic Degradation of Microplastics in Aquatic Environments: Materials, Mechanisms, Practical Challenges, and Future Perspectives**

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**Integrated approach to investigate groundwater nitrate nitrogen pollution and remediation simulation in Shimabara Peninsula, Nagasaki, Japan**

Nakagawa, K., Amano, H., Shinkai, F., Wakasa, A. & Berndtsson, R., 2025 maj, I: Environmental Earth Sciences. 84, 10, 256.

**Integration of the reptile search algorithm and the adaptive neuro-fuzzy inference system enhances standardized precipitation evapotranspiration index forecasting**

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**Enhancement of standardized precipitation evapotranspiration index predictions by machine learning based on regression and soft computing for Iran's arid and hyper-arid region**

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**Hydrological Assessment Under Climatic and Socioeconomic Scenarios Using Remote Sensing, QGIS, and Climate Models: A Case Study of the Tuban Delta, Yemen**

Mourad, K. A., Oele, J., Yacoub, W., Greenwalt, J., Zain, M., Al-Okaishi, A., Aulayah, A. & Berndtsson, R., 2025 mars, I: Sustainability (Switzerland). 17, 5, 2258.

**Towards Sustainable Solutions: Assessing Rural Access to Safe Drinking Water and Sanitation in Atyrau, Kazakhstan**

Bolatova, Z., Sharapatova, R., Kabiye, Y., Berndtsson, R. & Tussupova, K., 2025 mars, I: Water (Switzerland). 17, 5, 664.

**Development of a new hybrid model to enhance streamflow estimation using artificial neural network and reptile search algorithm**

Bahmani, M. J., Kayhomayoon, Z., Milan, S. G., Hassani, F., Malekpoor, M. & Berndtsson, R., 2025 feb. 19, I: Scientific Reports. 15, 1, 6098.

**Indigenous Knowledge in Watershed Management: The Case of the Mara River Basin, Tanzania**

Ngonyani, H., Gambo, B., Mourad, K. A., Rilwanu, T. Y. & Berndtsson, R., 2025 jan., I: Water (Switzerland). 17, 1, 19 s., 63.

**Mitigation of groundwater salinity vulnerability through land cultivation scenarios**

Motevalli, A., Moradi, H. R., Javadi, S., Hashemi, H. & Berndtsson, R., 2025 jan., *Quantitative Geomorphology in the Artificial intelligence Era: Applications of AI for Earth and Environmental Change*. Elsevier, s. 121-144 24 s.

**An integrated InSAR-numerical approach for accurate groundwater head prediction**

Khodaei, B., Hashemi, H., Kompani-Zare, M., Naghibi, S. A. & Berndtsson, R., 2025, I: Journal of Hydrology. 662, 134023.

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**Vegetation runoff and sediment reduction benefits and influential factor in the Loess Plateau of China: A meta-analysis**

Jia, M., Han, C., Niu, J., Wang, M., Zhang, L. & Berndtsson, R., 2025, I: *Ecological Indicators*. 171, 11 s.

**Wind and rainfall erosion energy in large sediment generating and coarse sediment class areas of the middle Yellow river**

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**Review of wastewater treatment technologies, soil and water conservation measures in nuclear power plants, and inspirations to Fukushima accident**

Wang, C., Niu, J., Lun, X., Zhang, L. & Berndtsson, R., 2024 dec. 30, I: *Science of Soil and Water Conservation*. 22, 6, s. 10-28 and 193-200

**Efficacy of Ca-modified cypress biochar in immobilization of heavy metals in contaminated soils**

Shah, S. S. H., Nakagawa, K., Yokoyama, R. & Berndtsson, R., 2024 dec., I: *Journal of Environmental Chemical Engineering*. 12, 6, 114507.

**The role of automated surface water distribution systems in energy-saving agriculture: A case study from central Iran's Arid Plateau**

Rahparast, D., Hashemy Shahdany, S. M. & Berndtsson, R., 2024 dec., I: *Journal of Hydrology: Regional Studies*. 56, 102036.

**Microplastics in freshwater systems: A review of classification, sources, and environmental impacts**

Bexeitova, K., Baimenov, A., Varol, E. A., Kudaibergenov, K., Zhantikejev, U., Sailaukhanuly, Y., Toshtay, K., Tauanov, Z., Azat, S. & Berndtsson, R., 2024 nov. 15, I: *Chemical Engineering Journal Advances*. 20, 100649.

**Dust source susceptibility in the lower Mesopotamian floodplain of Iraq**

Al-Hemoud, A., Naghibi, A., Hashemi, H., Petrov, P., Kamal, H., Al-Senafi, A., Abdulhadi, A., Thomas, M., Al-Dousari, A., Al-Qadeeri, G., Al-Khafaji, S., Mihalkov, V., Berndtsson, R., Soleimani, M. & Boloorani, A. D., 2024 nov., I: *Remote Sensing Applications: Society and Environment*. 36, 17 s., 101355.

**Land use transformations in the Brazilian Savanna: A decade of soil erosion and runoff measurements**

Schwamback, D., Amorim Brandão, A. R., Rosalem, L. M. P., Oliveira, P. T. S., Anache, J. A. A., Wendland, E., Berndtsson, R. & Persson, M., 2024 nov., I: *Catena*. 246, 14 s., 108412.

**Quantifying Soil Loss in the Brazilian Savanna Ecosystem: Current Rates and Anticipated Impact of Climate Changes**

Schwamback, D., Brandão, A. R. A., Bertotto, L. E., Berndtsson, R., Zhang, L. T., Wendland, E. C. & Persson, M., 2024 okt. 14, I: *Land Degradation and Development*. s. 1-18 18 s.

**Assessment of drinking water quality and identifying pollution sources in a chromite mining region**

Mohammadpour, A., Gharehchahi, E., Gharaghani, M. A., Shahsavani, E., Golaki, M., Berndtsson, R., Khaneghah, A. M., Hashemi, H. & Abolfathi, S., 2024 okt. 4, I: *Journal of Hazardous Materials*. 480, 16 s., 136050.

**Pathogen Contamination of Groundwater Affecting Drinking Water Quality with Potential Health Effects in Pavlodar Region, Kazakhstan**

Azat, S., Kuldeyev, E., Khalkhabay, B., Baikadamova, A., Sultakhan, S. & Berndtsson, R., 2024 okt., I: *Water (Switzerland)*. 16, 20, 14 s., 2970.

**Evaluating Microplastic Detection Techniques in Human-Impacted Water Systems: A Mini-Review**

Bexeitova, K., Zhantikejev, U., Yeszhan, Y., Sapargali, I., Kudaibergenov, K., Toshtay, K., Mikhalovsky, S., Amrousse, R., Berndtsson, R. & Azat, S., 2024 sep., I: *ES Energy and Environment*. 25, 15 s., 1233.

**Forest restoration effects on soil preferential flow in the paleo-periglacial eastern Liaoning mountainous regions, China**  
Wang, D., Niu, J., Dai, Z., Yang, T., Miao, Y., Zhang, L., Chen, X. & Berndtsson, R., 2024 aug. 15, I: Journal of Cleaner Production. 467, 18 s., 142974.

**Modeling Ecosystem Regulation Services and Performing Cost-Benefit Analysis for Climate Change Mitigation through Nature-Based Solutions Using InVEST Models**  
Bouguerra, S., Stiti, B., Khalfaoui, M., Jebari, S., Khaldi, A. & Berndtsson, R., 2024 aug., I: Sustainability (Switzerland). 16, 16, 7201.

**Developing Internal and External Proportional Integral Derivative Water Surface Controller in HEC-RAS**  
Shahverdi, K., Noorali, A., Ghodousi, H. & Berndtsson, R., 2024 juni, I: Water (Switzerland). 16, 12, 1699.

**A Numerical Method for InSAR-Based Estimation of Head Changes using Storativity Parameters**  
Khodaei, B., Hashemi, H., Kompani-Zare, M., Naghibi, S. A. & Berndtsson, R., 2024 apr. 14.

**Interpretable machine learning for predicting the fate and transport of pentachlorophenol in groundwater**  
Rad, M., Abtahi, A., Berndtsson, R., McKnight, U. S. & Aminifar, A., 2024 mars 15, I: Environmental Pollution. 345, 123449.

**Block-scale use of bioretention cells to restore the urban water balance: A case study in Tehran metropolis**  
Mehri, M., Hashemy Shahdany, S. M., Javadi, S., Movahedinia, M. & Berndtsson, R., 2024 feb., I: Journal of Hydrology: Regional Studies. 51, 101621.

**Entropy based approach for precipitation monitoring network in Bihar, India**  
Prajapati, A., Roshni, T. & Berndtsson, R., 2024 feb., I: Journal of Hydrology: Regional Studies. 51, 101623.

**New spatial-globular structure polymer for pre-treatment in reverse osmosis membrane filtration**  
Sidorova, N. V., Imanbayev, M. A., Khalkhabay, B., Zharmenov, A. A., Kuldeyev, E. I., Azat, S. & Berndtsson, R., 2024 feb., I: Journal of Water Process Engineering. 58, 10 s., 104861.

**Production of Graphene Membranes from Rice Husk Biomass Waste for Improved Desalination**  
Seitzhanova, M., Azat, S., Yeleuov, M., Taurbekov, A., Mansurov, Z., Doszhanov, E. & Berndtsson, R., 2024 jan. 19, I: Nanomaterials. 14, 2, 13 s.

**Large discrepancy between future demand and supply of agricultural water in northwestern Iran; evidence from WEAP-MODFLOW-machine learning under the CMIP6 scenario**  
Rahimi Jamnani, M., Kayhomayoon, Z., Arya Azar, N., Ghordoyee Milan, S., Najafi Marghmaleki, S. & Berndtsson, R., 2024 jan., I: Computers and Electronics in Agriculture. 216, 108505.

**Soil water infiltration characteristics of reforested areas in the paleo-periglacial eastern Liaoning mountainous regions, China**  
Wang, D., Niu, J., Yang, T., Miao, Y., Zhang, L., Chen, X., Fan, Z., Dai, Z., Wu, H., Yang, S., Qiu, Q. & Berndtsson, R., 2024 jan., I: Catena. 234, 107613.

**Drivers of wind and water erosion for river sediments in a typical coarse sandy area in the middle reaches of the Yellow River**  
Yang, T., Niu, J., Fan, D., Wang, D., Miao, Y., Wang, M., Zheng, J., Zhang, L., Chen, X. & Berndtsson, R., 2024, I: Science of the Total Environment. 955, 177039.

**EVALUATION OF HEAVY METALS (Cu, Zn, Pb) UPTAKE IN CARROT AND ASSOCIATED HEALTH RISK**  
Shah, S. S. H., Nakagawa, K., Asakura, H. & Berndtsson, R., 2024, I: Journal of Japan Society of Civil Engineers. 12, 2, 24-27052.

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**Greening of China and possible vegetation effects on soil moisture**

Miao, Y., Niu, J., Wang, D., Berndtsson, R., Zhang, L., Yang, S., Dou, T., Wang, M. & Yang, T., 2024, I: *Ecological Indicators*. 158, 10 s., 111382.

**Groundwater Resource Assessment by Applying Long-Term Trend Analysis of Spring Discharge, Water Level, and Hydroclimatic Parameters**

Yu, Z. Q., Hosono, T., Amano, H., Berndtsson, R. & Nakagawa, K., 2024, I: *Water Resources Management*. s. 4161-4177 17 s.

**Health Risk Assessment of Nitrate in Drinking Water with Potential Source Identification: A Case Study in Almaty, Kazakhstan**

Sailaukhanuly, Y., Azat, S., Kunarbekova, M., Tovassarov, A., Toshtay, K., Tauanov, Z., Carlsen, L. & Berndtsson, R., 2024, I: *International Journal of Environmental Research and Public Health*. 21, 1, 14 s., 55.

**Heavy metal immobilization and radish growth improvement using Ca(OH)<sub>2</sub>-treated cypress biochar in contaminated soil.**

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**Prediction of groundwater drawdown and quality at Kyzylzharma well field in the arid Syr Darya Basin, Kazakhstan**

Absametov, M., Murtazin, Y., Ospanov, K., Rakhimova, V. & Berndtsson, R., 2024, I: *Cogent Engineering*. 11, 1, 19 s., 2307194.

**Relationship between nitrate, heavy metal, and sterols contents in Japanese agricultural soils with risk of groundwater pollution**

Nakagawa, K., Islam, M. S., Hussain Shah, S. S., Li, Z., Takao, Y. & Berndtsson, R., 2024, I: *Chemosphere*. 361, 142335.

**Temporal cluster-based local deep learning or signal processing-temporal convolutional transformer for daily runoff prediction?**

Moosavi, V., Mostafaei, S. & Berndtsson, R., 2024, I: *Applied Soft Computing*. 155, 111425.

**Adaptive design of tipping bucket flow meters for continuous runoff measurement**

Schwamback, D., Persson, M., Berndtsson, R., Anache, J. A. A. & Wendland, E. C., 2023 dec. 1, I: *Frontiers in Environmental Science*. 11, 14 s., 1286929.

**Quantifying soil loss in the Brazilian savanna ecosystem: current rates and anticipated impact of climate changes**

Schwamback, D., Persson, M., Berndtsson, R. & Wendland, E. C., 2023 nov. 15, (Accepted/In press).

**Operational loss estimation in irrigation canals by integrating hydraulic simulation and crop growth modeling**

Karimi Avargani, H., Hashemy Shahdany, S. M., Hashemi Garmdareh, S. E., Liaghat, A., Guan, G., Behzadi, F., Milan, S. G. & Berndtsson, R., 2023 okt. 1, I: *Agricultural Water Management*. 288, 108478.

**Application of soft computing and evolutionary algorithms to estimate hydropower potential in multi-purpose reservoirs**

Kayhomayoon, Z., Arya Azar, N., Ghordoyee Milan, S., Berndtsson, R. & Najafi Marghmaleki, S., 2023 sep., I: *Applied water science*. 13, 9, 183.

**Fusing morphometric characteristics with extreme precipitation indices for identifying the most vulnerable sub-basin at risk of flooding**

Singh, D., Karan, K., Singh, S. K., Chauhan, P. & Berndtsson, R., 2023 sep., I: *Journal of Hydro-Environment Research*. 50, s. 44-56 13 s.

**Groundwater Vulnerability to Nitrate Contamination from Fertilizers Using Modified DRASTIC Frameworks**

Torkashvand, M., Neshat, A., Javadi, S., Yousefi, H. & Berndtsson, R., 2023 sep., I: Water (Switzerland). 15, 17, 3134.

**Analysis of Four Decades of Land Use and Land Cover Change in Semiarid Tunisia Using Google Earth Engine**

Kadri, N., Jebari, S., Augusseau, X., Mahdhi, N., Lestrelin, G. & Berndtsson, R., 2023 juli, I: Remote Sensing. 15, 13, 3257.

**Heavy Metal Transport in Different Drip-Irrigated Soil Types with Potato Crop**

Selim, T., Elkefay, S. M., Berndtsson, R., Elkiki, M. & El-kharbotly, A. A., 2023 juli, I: Sustainability (Switzerland). 15, 13, 20 s., 10542.

**Coprostanol adsorption behavior in agricultural soil, riverbed sediment, and sand**

Islam, M. S., Nakagawa, K., Yu, Z. Q., Takao, Y. & Berndtsson, R., 2023 juni, I: Journal of Environmental Chemical Engineering. 11, 3, 110029.

**Modifying Natural Zeolites to Improve Heavy Metal Adsorption**

Kuldeyev, E., Seitzhanova, M., Tanirbergenova, S., Tazhu, K., Doszhanov, E., Mansurov, Z., Azat, S., Nurlybaev, R. & Berndtsson, R., 2023 juni, I: Water (Switzerland). 15, 12, 2215.

**Predicting Soil Saturated Water Conductivity Using Pedo-Transfer Functions for Rocky Mountain Forests in Northern China**

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**Review of Slow Sand Filtration for Raw Water Treatment with Potential Application in Less-Developed Countries**

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**Modernization in agricultural water distribution system for aquifer storage and recovery – A case study**

Jolfan, M. H., Hashemy Shahdany, S. M., Javadi, S., Milan, S. G., Neshat, A., Berndtsson, R. & Tork, H., 2023 maj 31, I: Agricultural Water Management. 282, 108270.

**Automated Low-Cost Soil Moisture Sensors: Trade-Off Between Cost and Accuracy**

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**Evapotranspiration in Semi-Arid Climate: Remote Sensing vs. Soil Water Simulation**

Chakroun, H., Zemni, N., Benhmid, A., Dellaly, V., Slama, F., Bouksila, F. & Berndtsson, R., 2023 mars, I: Sensors. 23, 5, 2823.

**Toxicity and source identification of pollutants in an urban river in Bangladesh**

Islam, M. S., Nakagawa, K., Abdullah-Al-Mamun, M., Siddique, M. A. B. & Berndtsson, R., 2023 mars, I: Environmental Earth Sciences. 82, 6, 140.

**Using machine learning to determine acceptable levels of groundwater consumption in Iran**

Ghordoyee Milan, S., Kayhomayoon, Z., Arya Azar, N., Berndtsson, R., Ramezani, M. R. & Kardan Moghaddam, H., 2023 jan., I: Sustainable Production and Consumption. 35, s. 388-400 13 s.

**Assessing Climate Change Impact on Water Balance Components Using Integrated Groundwater–Surface Water Models (Case Study: Shazand Plain, Iran)**

Soltani, F., Javadi, S., Roozbahani, A., Massah Bavani, A. R., Golmohammadi, G., Berndtsson, R., Ghordoyee Milan, S. & Maghsoudi, R., 2023, I: Water (Switzerland). 15, 4, 813.

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**Forage Potential of Cereal–Legume Mixtures as an Adaptive Climate Change Strategy under Low Input Systems**  
Kchaou, R., Benyoussef, S., Jebari, S., Harbaoui, K. & Berndtsson, R., 2023, I: Sustainability (Switzerland). 15, 1, 338.

**InSAR-AI-Based Approach for Groundwater Level Prediction in Arid Regions**  
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**Merging dual-polarization X-band radar network intelligence for improved microscale observation of summer rainfall in south Sweden**  
Hosseini, S. H., Hashemi, H., Larsson, R. & Berndtsson, R., 2023, I: Journal of Hydrology. 617, Part C, 18 s., 129090.

**Noninvasive Monitoring of Subsurface Soil Conditions to Evaluate the Efficacy of Mole Drain in Heavy Clay Soils**  
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**PFAS in the Drinking Water Source: Analysis of the Contamination Levels, Origin and Emission Rates**  
Mussabek, D., Söderman, A., Imura, T., Persson, K. M., Nakagawa, K., Ahrens, L. & Berndtsson, R., 2023, I: Water. 15, 1, 13 s., 137.

**Soft computing assessment of current and future groundwater resources under CMIP6 scenarios in northwestern Iran**  
Kayhomayoon, Z., Jamnani, M. R., Rashidi, S., Ghordoyee Milan, S., Arya Azar, N. & Berndtsson, R., 2023, I: Agricultural Water Management. 285, 108369.

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