

List of publications in which SahysMod is used

- 1 - Sina Akram, Heydar Kashkouli, Ebrahim Pazira, 2008. "Sensitive variables controlling salinity and water table in a bio-drainage system using SahysMod". Irrigation and Drainage Systems Volume 22, Numbers 3-4, December, 2008 pp. 271-285. Online: <http://www.springerlink.com/content/r102ju4952710421/>
- 2 - Hosein Liaghat, M Mashal, 2008. "Sustainability of Biodrainage Systems Considering Declining of Evapotranspiration Rate of Trees Due to Soil Salinization." Published by the American Society of Agricultural and Biological Engineers (<http://www.asabe.org>), St. Joseph, Michigan . Citation: 9th International Drainage Symposium held jointly with CIGR and CSBE/SCGAB Proceedings, 13–16 June 2010 IDS-CSBE-100129. Online: <http://elibrary.asabe.org/abstract.asp?aid=32127>
- 3 - Tsegay F. Desta, 2009. "Spatial modelling and timely prediction of salinization processes using SahysMod in GIS environment". Thesis International Institute for Geo-information Science and Earth Observation (ITC), Enschede, The Netherlands. On line : http://www.itc.nl/library/papers_2009/msc/aes/desta.pdf
- 4 - Sina Akram and Hossein Liaghat. (2010) "Performance of biodrainage systems in arid and semiarid areas with salt accumulation in soils". 9th International Drainage Symposium held jointly with CIGR and CSBE/SCGAB Proceedings, 13–16 June 2010. <http://www.csbe-scgab.ca/docs/meetings/2010/CSBE100116.pdf>
- 5 - Ajay Singh, Sudhindra Nath Panda. (2012) "Integrated Salt and Water Balance Modeling for the Management of Waterlogging and Salinization. I: Validation of SAHYSMOD". Journal of Irrigation and Drainage Engineering 138:11, 955-963 <http://ascelibrary.org/doi/abs/10.1061/%28ASCE%29IR.1943-4774.0000510>
- 6 - Singh, A. and Panda, S. (2012). "Integrated Salt and Water Balance Modeling for the Management of Waterlogging and Salinization. II: Application of SAHYSMOD" J. Irrig. Drain Eng., 138(11), 964–971. <http://ascelibrary.org/doi/abs/10.1061/%28ASCE%29IR.1943-4774.0000510>
- 7 - Azhar Inam et al. , 2017. " Coupling of a distributed stakeholder-built system dynamics socio-economic model with SAHYSMOD for sustainable soil salinity management – Part 1: Model development". In Journal of Hydrology, <http://dx.doi.org/10.1016/j.jhydrol.2017.03.039>
- 8 - Azhar Inam et al. , 2017. " Coupling of a distributed stakeholder-built system dynamics socio-economic model with SAHYSMOD for sustainable soil salinity management – Part 1: Model development". In Journal of Hydrology, Part 2: Model coupling and application". In Journal of Hydrology, [40](https://doi.org/10.1016/j.jhydrol.2017.03.039)

- 9 - Jan Adamowski et al., 2017. "Parameter estimation and uncertainty analysis of the Spatial Agro Hydro Salinity Model (SAHYSMOD) in the semi-arid climate of Rechna Doab, Pakistan". *Journal of Environmental Modelling & Software* 94 (2017) 186-211. <http://dx.doi.org/10.1016/j.envsoft.2017.04.002>
- 10 - Yao, R.J, Yang, J.S., Wu, D., Xie, W. 2017. Calibration and Sensitivity Analysis of Sahysmod for Modeling Field Soil and Groundwater Salinity Dynamics in Coastal Rainfed Farmland. *Irrig Drain*. 66(3):411-427. <https://doi.org/10.1002/ird.2106>.
- 11 - Yao, R.J., Yang, J.S., Wu, D., Xie, W., Wang, X,P. 2017. Scenario Simulation of Field Soil Water and Salt Balances Using SahysMod for Salinity Management in a Coastal Rainfed Farmland. *Irrig Drain*. 66. <https://doi.org/10.1002/ird.2159>.
- 12 - Agro-hydro-soil-salinity characteristics of the irrigated Garmsar alluvial fan, Iran, described with the SahysMod model. https://www.researchgate.net/publication/336680433_Agro-hydro-soil-salinity_characteristics_of_the_irrigated_Garmsar_alluvial_fan_Iran_described_with_the_SahysMod_model
- 13 -Irrigation, groundwater, wells, drainage and soil salinity control in the alluvial fan of Garmsar, Iran – assessments with the Sahysmod model https://www.researchgate.net/publication/341607069_Irrigation_groundwater_wells_drainage_and_soil_salinity_control_in_the_alluvial_fan_of_Garmsar_Iran_assessments_with_the_Sahysmod_model
- 14 - The groundwater hydraulics of the Garmsar alluvial fan, Iran, assessed with the SahysMod model. https://www.researchgate.net/publication/336232156_The_groundwater_hydraulics_of_the_Garmsar_alluvial_fan_Iran_assessed_with_the_SahysMod_model
- 15 - Mapping facilities of the spatial agro-hydro-soil-salinity model SahysMod https://www.researchgate.net/publication/335396990_Mapping_facilities_of_the_spatial_agro-hydro-soil-salinity_model_SahysMod
16. - Yajie Huang et al., 2021. Optimum allocation of salt discharge areas in land consolidation for irrigation districts by SahysMod. In: *Agricultural Water Management*, Vol. 256. DOI: [10.1016/j.agwat.2021.107060](https://doi.org/10.1016/j.agwat.2021.107060)
- 17 – Xiaomin Chang et al., 2021. Simulation of Water and Salt Dynamics under Different Water-Saving Degrees Using the SAHYSMOD Model. *Water* 2021, 13(14), 1939; <https://doi.org/10.3390/w13141939>