

Inventory of salt-affected soils and waterlogged areas: A

International Journal of Remote Sensing

20, 1589-1599

DOI: 10.1080/014311699212623

Citation Report

#	ARTICLE	IF	CITATIONS
1	Mapping of waterlogged areas and salt affected soils in the IGNP command area. Journal of the Indian Society of Remote Sensing, 2001, 29, 229-235.	2.4	23
2	Quantitative remote sensing of soil properties. Advances in Agronomy, 2002, 75, 173-243.	5.2	303
3	Determining salinization extent, identifying salinity sources, and estimating chloride mass using surface, borehole, and airborne electromagnetic induction methods. Water Resources Research, 2003, 39, .	4.2	87
4	Water logging and drainage Assessment in Ravi-Tawi irrigation command (J&K) using remote sensing approach. Journal of the Indian Society of Remote Sensing, 2005, 33, 7-15.	2.4	13
5	Using remote sensing to evaluate land salinization in typical areas of Inner-Mongolia, China. , 0, , .		0
6	Assessing salt-affected soils using remote sensing, solute modelling, and geophysics. Geoderma, 2006, 130, 191-206.	5.1	240
7	Assessment ofTsunami impact in South Andaman using remote sensing and GIS. Journal of the Indian Society of Remote Sensing, 2006, 34, 193-202.	2.4	7
8	Relating soil electrical conductivity to remote sensing and other soil properties for assessing soil salinity in northeast Thailand. Land Degradation and Development, 2006, 17, 677-689.	3.9	83
9	Mapping of saltâ€affected soils using TM images. International Journal of Remote Sensing, 2007, 28, 2713-2722.	2.9	10
10	Digitally Mapping Gypsic and Natric Soil Areas Using Landsat ETM Data. Soil Science Society of America Journal, 2007, 71, 245-252.	2.2	92
11	Temporal behaviour of surface waterlogged areas using spaceborne multispectral multitemporal measurements. Journal of the Indian Society of Remote Sensing, 2007, 35, 173-184.	2.4	5
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13	Extent and characterisation of salt-affected soils in Iran and strategies for their amelioration and management. Land Degradation and Development, 2008, 19, 214-227.	3.9	106
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15	Mapping of Land Degradation from ASTER Data: A Comparison of Object-Based and Pixel-Based Methods. GIScience and Remote Sensing, 2008, 45, 149-166.	5.9	11
16	Delineation and characterization of waterlogging and salt affected areas in a canal irrigated semiarid region of north west India. Geocarto International, 2008, 23, 181-195.	3.5	3
17	Remote Sensing and Geographic Information System for Appraisal of Saltâ€Affected Soils in India. Journal of Environmental Quality, 2010, 39, 5-15.	2.0	53
18	Waterlogging and flood hazards vulnerability and risk assessment in Indo Gangetic plain. Natural Hazards, 2010, 55, 273-289.	3.4	93

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20	A Spectral Index for Estimating Soil Salinity in the Yellow River Delta Region of China Using EO-1 Hyperion Data. <i>Pedosphere</i> , 2010, 20, 378-388.	4.0	96
21	Delineation and Characterization of Waterlogged Salt Affected Soils in IGNP Using Remote Sensing and GIS. <i>Journal of the Indian Society of Remote Sensing</i> , 2011, 39, 39-50.	2.4	19
22	Assessment of surface and subsurface waterlogging, water level fluctuations, and lithological variations for evaluating groundwater resources in Ganga Plains. <i>International Journal of Digital Earth</i> , 2013, 6, 276-296.	3.9	12
23	Remote Sensing of CO ₂ Absorption by Saline-Alkali Soils: Potentials and Constraints. <i>Journal of Spectroscopy</i> , 2014, 2014, 1-8.	1.3	4
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25	Estimating soil salinity in Pingluo County of China using QuickBird data and soil reflectance spectra. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014, 26, 156-175.	2.8	105
26	Application in Analysis of Soils. <i>Agronomy</i> , 0, , 729-784.	0.2	51
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29	Using Modified Remote Sensing Imagery to Interpret Changes in Cultivated Land under Saline-Alkali Conditions. <i>Sustainability</i> , 2016, 8, 619.	3.2	9
30	Managing the water resources problems of irrigated agriculture through geospatial techniques: An overview. <i>Agricultural Water Management</i> , 2016, 174, 2-10.	5.6	38
31	Evaluation of a WorldView-2 image for soil salinity monitoring in a moderately affected irrigated area. <i>Journal of Applied Remote Sensing</i> , 2016, 10, 026025.	1.3	20
32	Diagnosis and Prognosis of Salt-Affected Soils and Poor-Quality Waters Using Remote Sensing and Proximal Techniques. , 2016, , 55-82.		3
33	Towards decadal soil salinity mapping using Landsat time series data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 52, 32-41.	2.8	25
34	Machine learning performance for predicting soil salinity using different combinations of geomorphometric covariates. <i>Geoderma</i> , 2017, 299, 1-12.	5.1	91
35	GIS spatial model based for determining actual land degradation status in Kafr El-Sheikh Governorate, North Nile Delta. <i>Modeling Earth Systems and Environment</i> , 2018, 4, 359-372.	3.4	27
36	Krishna River Basin. <i>Springer Hydrogeology</i> , 2018, , 339-351.	0.3	2

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38	Assessment of land degradation and implications on agricultural land in Qalyubia Governorate, Egypt. <i>Bulletin of the National Research Centre</i> , 2019, 43, .	1.8	6
39	Current development of landscape geochemistry with support of geospatial technologies: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 745-790.	12.8	3
40	Towards global mapping of salt pans and salt playas using Landsat imagery: a case study of western United States. <i>International Journal of Remote Sensing</i> , 2020, 41, 8693-8716.	2.9	3
41	Effect of Planting Methods and Gypsum Application on Yield and Water Productivity of Wheat under Salinity Conditions in North Nile Delta. <i>Agronomy</i> , 2020, 10, 853.	3.0	12
42	Remote sensing-based assessment of waterlogging and soil salinity: A case study from Kerala, India. <i>Results in Geophysical Sciences</i> , 2021, 7, 100024.	0.9	4
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47	Cartografía mediante imágenes Landsat de suelos salinos en la tierra de Medina (Valladolid). <i>Estudios Geográficos</i> , 2010, 71, 161-176.	0.3	2
48	Identification of salt-affected soils using remote sensing data through random forest technique: a case study from India. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	1.3	3
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51	Assessment of Soil Degradation and Hazards of Some Heavy Metals, Using Remote Sensing and GIS Techniques in the Northern Part of the Nile Delta, Egypt. <i>Agriculture (Switzerland)</i> , 2023, 13, 76.	3.1	2
52	Monitoring Waterlogging Damage of Winter Wheat Based on HYDRUS-1D and WOFOST Coupled Model and Assimilated Soil Moisture Data of Remote Sensing. <i>Remote Sensing</i> , 2023, 15, 4133.	4.0	0
53	Insight into land cover dynamics and water challenges under anthropogenic and climatic changes in the eastern Nile Delta: Inference from remote sensing and GIS data. <i>Science of the Total Environment</i> , 2024, 913, 169690.	8.0	2