Recent Publications

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Area of Specialisation: Hydrogeology, Remote Sensing and GIS

1. **Kshetrimayum KS** and Thokchom L (2017) Hydrogeochemical approach to evaluate the occurrence and source of salinization in the shallow aquifers of the eastern Imphal valley in the Indo-Myanmar Range of Northeastern India. *Hydrogeology Journal*, Springer (impact factor: 2.02) (under review, HJ-2017-4658).

2. **Kshetrimayum KS** and Laishram P (2017) Evaluation of hydrochemical data using multivariate statistical methods to elucidate heavy metals contamination in the shallow aquifers of the Manipur valley in the Indo-Myanmar Range. *Natural Hazards*, Springer (impact factor: 1.74) (under review, NHAZ-D-16-01226).

3. **Kshetrimayum KS** and Hegeu H (2016) The state of toxicity and cause of elevated iron and manganese concentrations in surface water and groundwater around Naga Thrust of Assam-Arakan basin, Northeastern India. *Environmental Earth Sciences*, 75(7), pp. 604-618, Springer. doi: 10.1007/s12665-016-5372-4. (impact factor: 1.76).

4. Thien, Do, Giang, Huy, Nhan, Hai, Nhan, **Kshetrimayum KS,** Yen (2016) Classification of Engineering Soils in Quang Nam - Da Nang Coastal Plain, Viet Nam, *The 2nd conference on transport infrastructure with sustainable development*, Construction Publishing House, ISBN 978-604-82-1809-6.

5. **Kshetrimayum KS** (2015) Hydrochemical evaluation of shallow groundwater aquifers: a case study from a semiarid Himalayan foothill river basin, northwest India. *Environmental Earth Sciences*, 74(10), pp. 7187-7200, Springer. doi: 10.1007/s12665-015-4697-8 (impact factor: 1.76).

6. **Kshetrimayum KS** (2014) The state of ponds of Manipur valley. *Hydrol Current Res* 2014, 5(4), pp. 65. ISSN: 2157-7587.

7. Sorokhaibam S, Devi NB, **Kshetrimayum KS** (2014) A review of hydrogeological studies of Barak valley, Assam. *Hydrol Current Res* 2014, 5(4), pp. 111. ISSN: 2157-7587.

8. Singh LP and **Kshetrimayum KS** (2014) A geological peer review of intermontane Manipur valley, NE India for delineating major hydrogeological issues. *Hydrol Current Res* 2014, 5(4), pp. 113. ISSN: 2157-7587.

9. **Kshetrimayum KS** (2013) Morphometric analysis and vertical electrical sounding in groundwater prospecting: a case study from a Himalayan foothill river basin, NW India. *International Journal of Geomatics and Geosciences*, 4(1), pp. 103-115.

10. **Kshetrimayum KS** and Bajpai VN (2012) Assessment of groundwater quality for irrigation use and evolution of hydrochemical facies in the Markanda river basin, Northwestern India. *Journal of Geological Society of India*, Springer, Vol. 79, pp. 189-198. doi: 10.1007/s12594-012-0024-0 (impact factor: 0.59).

11. **Kshetrimayum KS** and Bajpai VN (2012) Hydrogeomorphic classification and aquifer disposition in the Markanda river basin, Northwestern India - Hydrogeological approach. *Journal of Geological Society of India*, Springer, Vol. 79, pp. 391-403. (DOI) 10.1007/s12594-012-0060-9. (impact factor: 0.59).

12. **Kshetrimayum KS** and Bajpai VN (2011) Establishment of missing stream link between the Markanda river and the Vedic Saraswati river in Haryana, India – geoelectrical resistivity approach. *Current Science*, Indian Academy of Sciences, Vol. 100, No.11, pp. 1719-1724. (impact factor: 0.96).

13. **Kshetrimayum KS** and Bajpai VN (2011) Assessment of groundwater prospect in the Markanda river basin, northwest India: a morphometric approach. *In*: C.K. Jain et al., (Eds.), "Community based water resource management in Northeast India: lessons from global context" Allied Publishers Pvt. Ltd., New Delhi, ISBN: 978-81-8424-696-4, pp.107-116.

14. **Kshetrimayum KS** (2010) A preview to the Barak river basin, Northeast India. *Geognosy* 3rd issue, Department of Geology, G.C. College, Silchar, pp.61-64.