

# Publicaciones del año 2015

## Artículos en revista

- Subsurface geological modeling of Corrientes province (NE Argentina) and its relationships with the Guaraní Aquifer system function (Mira A., Veroslavky G., Rossello E. y Vives L. ) *Journal of South American Earth Sciences* 62: 148-163. Impact Factor: 1.367
- Development of a general model to estimate the instantaneous, daily, and daytime net radiation with satellite data on clear-sky days (F. Carmona, R. Rivas y V. Caselles) *Remote Sensing of Environment*. In Press, Accepted 8 October 2015. Impact Factor: 6.393
- Uncertainties in Age and Gender Based Health Risk Assessment for Recreational Bathing: Arsenic in Del Azul Stream, Argentina (Peluso F.; Masson I.; González Castelain J.; Othax N., Dubny S. ) *Human and Ecological Risk Assessment: An International Journal* 22(3):753-774
- Suspended sediment concentration controlling factors: an analysis for the Argentine Pampas region (Ares, M.G., Varni, M. y Chagas, C.) *Hydrological Sciences Journal*. doi: 10.1080/02626667.2015.1099793. IF: 1.549
- Reactive transport and thermo-hydro-mechanical coupling in deep sedimentary basins affected by glaciation cycles: model development, verification and illustrative example (Bea, S.A., Mayer, K.U., MacQuarrie, K.T.B.) *Geofluids* (doi: 10.1111/gfl.12148). IF: 2.046
- SMOS-MIRAS level 2 Soil Moisture Product Validation in croplands of the Pampean Region of Argentina (Niclos, R., R. Rivas, V. García-Santos, C. Doña, E. Valor, M. Holzman, M. Bayala, F. Carmona, D. Ocampo, A. Soldano, M. Thibeault) *IEEE Transactions on Geoscience and Remote Sensing*, Issue 99, publicado on line el 20/08/2015. ISSN: 0196-2892. DOI: 10.1109/TGRS.2015.2460332
- The origin of groundwater composition in the Pampeano Aquifer underlying the Arroyo del Azul basin, Argentina (Zabala, M.E.; Manzano, M. y Vives, L.) *Science of the Total Environment*, 518-519: 168-188. <http://dx.doi.org/10.1016/j.scitotenv.2015.02.065>. Impact Factor: 3.163
- Relación arroyo-acuífero en un sistema hídrico afectado por explotación antrópica (Barranquero, R., Varni, M. y Ruiz de Galarreta, A.) *Revista Estudios Ambientales*, Vol. 3, No. 2, pp. 30-51. ISSN 2347-0941. (<http://ojs.fch.unicen.edu.ar/index.php/estudios-ambientales/article/view/45/31>)
- Nivel freático, recarga y caudal básico en la cuenca del arroyo Del Azul (Zeme, S. y Varni, M.) *Revista Estudios Ambientales*, Vol. 3, No. 2, pp. 14-29. ISSN 2347-0941. (<http://ojs.fch.unicen.edu.ar/index.php/estudios-ambientales/article/view/44/30>)
- Análisis de los servicios ecosistémicos en un pastizal natural de la pampa deprimida bonaerense (Zeme, S., Entraigas, I y Varni, M.) *Contribuciones Científicas GAEA (Sociedad Argentina de Estudios Geográficos)*, Vol. 27, pp. 161-174. (<http://gaea.org.ar/contribuciones/Contribuciones2015/Zeme-Entraigas-Varni.pdf>)
- PROOST: Object oriented approach to multiphase reactive transport modeling in porous media (Gamazo, P., Slooten, L.J., Carrera, J., Saaltink, M.W., Bea, S.A. y Soler, J.) *Journal of Hydroinformatics* (doi:10.2166/hydro.2015.126). IF: 1.388
- Vegetation Index to estimate chlorophyll content from multispectral remote sensing data (Facundo Carmona, Raúl Rivas and Diana C. Fonnegra) *European Journal of Remote Sensing*, Volume: 48: 319-326 DOI: 10.5721/EuJRS20154818 Published online: 04/08/2015 <http://www.aitjournal.com/articleView.aspx?ID=944>