

PERSONAL INFORMATION

Nazzareno Diodato



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JOB AFFILIATION

Met European Research Observatory, International Affiliates' Program (IAP) of the University Corporation for Atmospheric Research (UCAR), USA.

JOB QUALIFICATION

Associate Professor – Applied Geology and Geomorphology, National Academic Qualification of the Ministry of Education 2014 (DD n. 222/2012)

WORK EXPERIENCE

- **Granted Research Assistant**, University of Sannio (2013-2015), Department of Science and Technology
- **Research Grant**, University of Sannio (2008-2009), TEDASS
- **Hydrological Observer** (2002 to 2009) to Regional Program of Hydropluviometric Monitoring of the Campania Region (south Italy), Department of Civil Protection, Naples
- **Researcher Assistant** (2009), Territory and Agrarian Engineering Department, University of Naples Federico II, Portici
- **Tutor to Courses of Informatic and Statistics Applications** (2003-2005) at University of Sannio, Piazza Guerrazzi, 82100 Benevento
- **Researcher Assistant** (2001), Institute of Vegetal and Physiological Geomorphology, University of Molise, via A. De Gasperi – 86170 Isernia

EDUCATION AND TRAINING

GRADUATE

- **Bachelor degree** at the **University of Naples Federico II - Italy, 1996**): Environmental-Territorial Planning Geospatial Study

POST-GRADUATE

- **University of Foggia** – Italy. Achieved certificates in **2002**): Introduction to Geostatistical Techniques and Computer Sessions.
- **University Corporation for Atmospheric Research** – Consortium of American Research Universities, within COMET Program MetEd. Achieved certificates :
 - **2007**): 1. Watersheds: Connecting Weather to the Environment; 2. Understanding Hydrologic Cycle; 3. The Science of Global Climate Change and Human Influences; 4. Runoff Processes Module Quiz; 5. Unit Hydrograph Theory; 6. Raingauges: are they really ground truth; 7. Flow Interaction with Topography; 8. Microwave Remote Sensing: clouds precipitation.
 - **2008**): 1. Introduction to Distributed Hydrologic Modeling; 2. Introduction to Climatology.
 - **2009**): 1. Understanding Drought; 2. Introduction to Statistics for Climatology;
- **United States Environmental Protection Agency**, Washington, D.C., Watershed Academy Web Achieved certificates, **2007**): Watershed Management.
- **ESRI-Environmental System Research Institute**, New York. Achieved certificates:
 - **2007**): 1. Introduction to ArcGIS Survey Analyst, 2. Introduction to Spatial Hydrology, 3. Introduction to Geostatistical Analyst, 4. Cartographic Design (first module), 5. Geographic Data;
 - **2008**): 1. Introduction to Urban and Regional Planning Concepts; 2. Basics Data Information; 3. Big Picture Design.
- **University of Arkansas** – Center for Advanced Spatial Technologies (Geospatial Virtual Campus) Arizona. Achieved certificate, **2008**): Introduction to GIS and GPS.
- **The European Virtual Organisation for Meteorological Training** – EUMETCAL - **2009**): Convection Training Week.

PERSONAL SKILLS IN

Climatology / Hydrology / Geographical Information Sciences / Geostatistics / Landscape Sensitivity / Geomorphology

Climate change: (climate change and natural hazard); Surface waters hydrology: (Rainfall-runoff relations, Extreme hydrological events: floods, droughts); Groundwater hydrology (Geostatistics); Methodological problems (Transformation of stochastic processes in linear hydrological model; Hydrology Time Series (Statistical models; Outliers detection and Trends).

National Patent from Ministry of Economic Development

Method for operating a Hydroclimatic warning system shared with predictive functions (Number 0001427562)

ADDITIONAL INFORMATION

Committee's Memberships

- **2015, ICC** – International Commission on Climate of the International Association of Meteorology and Atmospheric Sciences IAMAS, <http://www.iccl-iamas.net/show.asp?id=11>
- **2014, IAH** – Commission on Groundwater and Climate Change (IAH-CGCC)-and-UNESCO, IHP GRAPHIC Programme <https://iah.org/groups/commissions-networks>
- **2014, IAHS-ICGW** International Commission on Ground Water <http://www.geo.ua.edu/ICGW>
- **2010, European Federation of Geologist – PANEL of EXPERTS on Natural Hazard & Climate Change** <http://eurogeologists.eu/pe-on-natural-hazards-and-climate-change/>
- **2008, CGI** – Commission for the Management and Application of Geosciences Information of the International Union of Geological Sciences, UNESCO <http://www.cgi-iugs.org/home.html>
- **2004, CEM** – Commission on Ecosystem Management of the International Union for Conservation of Nature <http://www.iucn.org/about/union/commissions/cem/>
- **2002, CGAM** – Commission on Geospatial Analysis and Modeling of the International Cartographic Association <https://gam.icaci.org/the-commission/members/>

Honours and awards

- **2019, Earth Science and Applications Award**, American Astronautical Society in Washington, astronautical.org
- **2019, Award of Merit**, American Water Works Association, www.awwa.org
- **2018, Fellow** at the Institute of Research Engineers and Doctors – IRED, <https://theired.org/>
- **2017, Honorary Membership** at the International Water, Air & Soil Conservation Society (INWASCON), <http://inwascon.org.my/>
- **2016, Fellow** at the **Royal Meteorological Society**, Reading UK in statement of the professional standing in meteorology <http://www.rmets.org/>
- **2010, Award for Outstanding Publishing Contributions** - Association of Earth Science Editors, <http://www.aese.org/shell.html?page=awards&menu=#Diodato>
- **2009, Research Award** DEG – **Division of Environmental Geoscience**, American Association of Petroleum Geologists <https://tinyurl.com/yctxvsq2>
- **2009, Fellow** at the **International Safety Quality Environment Management Association**, achieved for the relevant qualifications in the environmental professions www.isqem.com
- **2000, Fellow** at the **World Academy of Art & Science**, <http://alturl.com/hb9gj>

Granted Membership

- **2018, Senior Member Scientist** at International Academy of Science, <https://www.science.edu>
- **2018, University of Saskatchewan's Global Institute for Water Security** <https://tinyurl.com/y7logf7h>
- **2018, Mid-America Geographical Information System Consortium**, <https://www.magicgis.org/>
- **2018, Global International Scientists' Network (GISN) – GLOBE Program**, <https://tinyurl.com/ya87yvse>
- **2017, Association of Environmental and Engineering Geologist**, <https://www.aegweb.org/default.aspx>
- **2017, Land Degradation and Desertification (COMLAND)-IGU**, <http://www.comland.org>
- **2016, Institute of Mathematical Statistics**, <http://www.imstat.org/>
- **2015, American Association of Geographers**, <http://www.aag.org/>

Guest Editor Journal

- **2019 WATER: Special Issue Rainfall Erosivity in Soil Erosion Processes** <https://tinyurl.com/y432m7rg>

Research Highlights endorsement in the GEWEX Project

- **2019** Discovering snowfall variability over the past millennium in the Mediterranean <https://tinyurl.com/yyopmzda>
- **2017** Exploring the power of recent rainfall erosivity on a global scale <https://tinyurl.com/yy3nr5ac>

Papers on refereed Journals:

- 1) **Diodato N.**, Bellocchi G., 2019. Spatial probability modelling of forest productivity indicator in Italy. *Ecological Indicators*, in Press.
- 2) **Diodato N.**, Santoni G., Cevasco A., Fiorillo F., 2019. Damaging hydrological events during the exiting of the Little Ice Age in a highland area of Southern Italy. *International Journal of Hydrology Science and Technology* (Accepted)
- 3) **Diodato N.**, Büntgen U., Bellocchi G., 2019. Mediterranean winter snowfall variability over the past Millennium. *International Journal of Climatology* 39, 384-394. <https://rmets.onlinelibrary.wiley.com/doi/10.1002/joc.5814>
- 4) **Diodato N.**, Lelys Bravo De Guenni, Mariangel Garcia, Gianni Bellocchi, 2019. Decadal Oscillation in the Predictability of Palmer Drought Severity Index in California. *Climate* 7(1), 6. <https://doi.org/10.3390/cli7010006>
- 5) Fiorillo F., **Diodato N.**, Meo M., Pagnozzi M., 2018. Landslides and flash floods induced by the storm of 22nd November 2011 in northeastern Sicily. *Environmental Earth Sciences* 77, 602. <https://doi.org/10.1007/s12665-018-7788-5>
- 6) **Diodato N.**, Bellocchi G., 2018. Using Historical Precipitation Patterns to Forecast Daily Extremes of Rainfall for the Coming Decades in Naples (Italy). *Geoscience* 8. <https://doi.org/10.3390/geosciences8080293>
- 7) **Diodato N.**, Esposito L., Bellocchi G., 2018. A First Regional-Scale Estimate of Climate-Driven Terrestrial Carbon Export in Boreal Catchments. *Climate* 6, 22. <http://www.mdpi.com/2225-1154/6/2/22>
- 8) **Diodato N.**, Mao L., Borrelli P., Panagos P., Fiorillo F., Bellocchi G., 2018. Climate-scale modelling of suspended sediment load in an Alpine catchment debris-flow (Rio Cordon-Northeastern Italy). *Geomorphology* 309, 20-28. <https://www.sciencedirect.com/science/article/pii/S0169555X18300849>
- 9) Panagos P., Borrelli P., ... **Diodato N.**, et al., 2017. Global rainfall erosivity assessment based on high-temporal resolution rainfall records. *Scientific Report* 7, 1-12. <https://www.nature.com/articles/s41598-017-04282-8>
- 10) **Diodato N.**, Guerriero L., Bellocchi G., 2017. Modeling and Upscaling Plot-Scale Soil Erosion under Mediterranean Climate Variability. *Environments* 4, 1-15. <http://www.mdpi.com/2076-3298/4/3/58>
- 11) **Diodato N.**, Bellocchi G., Fiorillo F., Ventafridda, 2017. Case study for investigating groundwater and the future of mountain spring discharges in Southern Italy. *Journal of Mountain Science* 14, 1791-1800.
- 12) Ballabio et al., 2017. Mapping monthly rainfall erosivity in Europe. *Science of the Total Environment* 579, 1298–1315. <http://www.sciencedirect.com/science/article/pii/S0048969716325773>
- 13) **Diodato N.**, Soriano M., Bellocchi G., Fiorillo F., Cevasco A., Revellino P., Guadagno F.M., 2017. Historical evolution of slope instability in the Calore River Basin, Southern Italy. *Geomorphology* 282, 74-84 <https://tinyurl.com/ycl8br9b>
- 14) **Diodato N.**, Borrelli P., Fiener P., Bellocchi G., Romano N., 2017. Discovering historical rainfall erosivity with a parsimonious approach: A case study in Western Germany. *Journal of Hydrology* 544, 1-9 <https://tinyurl.com/y6v8xjcn>
- 15) Longobardi A., **Diodato N.**, Pennetta M., 2016. Historical Storminess and Hydro-Geological Hazard Temporal Evolution in the Solofrana River Basin—Southern Italy. *Water* 8, 1-16, <http://www.mdpi.com/2073-4441/8/9/398>
- 16) Fiorillo F., **Diodato N.**, Meo M., 2016. Reconstruction of a Storm Map and New Approach in the Definition of Categories of the Extreme Rainfall, Northeastern Sicily. *Water* 8, 330. <http://www.mdpi.com/2073-4441/8/8/330>
- 17) **Diodato N.**, Higgins S., Bellocchi G., Fiorillo F., Romano N., Guadagno F.M., 2016. Hydro-climatic forcing of dissolved organic carbon in two boreal lakes of Canada. *Science of The Total Environment* 571, 50-58 <https://tinyurl.com/yalvrlhk>
- 18) **Diodato N.**, Bellocchi G., 2016. Enhanced propagation of rainfall kinetic energy in the UK. *Theoretical and Applied Climatology*. Online at <https://link.springer.com/article/10.1007/s00704-016-1863-1>
- 19) Borrelli P., **Diodato N.**, Panagos P., 2016. Rainfall erosivity in Italy: a national scale spatio-temporal assessment. *International Journal of Digital Earth* 9, 835-850 <http://dx.doi.org/10.1080/17538947.2016.1148203>
- 20) **Diodato N.**, Bellocchi G., Romano N., Guadagno F.M., 2016. Modelling the Rainfall Erosivity of the Rhone Region Associated with Climate Variability and Storminess. *Advances in Meteorology* 21. <https://www.hindawi.com/journals/amete/2016/7626505/>
- 21) Cevasco A., **Diodato N.**, Revellino P., Fiorillo F., Grelle G., Guadagno F.M., 2015. Storminess and geo-hydrological events affecting small coastal basins in a terraced Mediterranean environment. *Science of The Total Environment* 532, 208–219. <http://www.sciencedirect.com/science/article/pii/S004896971530214X>
- 22) **Diodato N.**, de Vente J., Bellocchi G., Guerriero L., Soriano M., Fiorillo F., Revellino P., Guadagno F.M., 2015. Estimating long-term sediment export using a seasonal rainfall-dependent hydrological model in the Glonn River basin, Germany. *Geomorphology* 228, 628-636 <http://www.sciencedirect.com/science/article/pii/S0169555X14005133>
- 23) **Diodato N.**, G. Verstraeten, G. Bellocchi, 2014. Decadal modelling of rainfall erosivity in Belgium. *Land Degradation & Development* 25, 511–519 <http://onlinelibrary.wiley.com/doi/10.1002/ldr.2168/abstract?campaign=woletoc>
- 24) **Diodato N.**, Guerriero L., Fiorillo F., Esposito L., Revellino P., Grelle G., Guadagno F.M., 2014. Predicting Monthly Spring Discharges Using a Simple Statistical Model. *Water Resources Management* 28, 969-978 <https://tinyurl.com/yd67x7pp>
- 25) Enzi S., Bertolin C, **Diodato N.**, 2014. Snowfall time-series reconstruction in Italy in the last 300 years. *The Holocene* 24, 346-356. <http://hol.sagepub.com/content/24/3/346.short>
- 26) **Diodato N.**, Bellocchi G., 2014. Long-term winter temperatures in central Mediterranean: forecast skill of an ensemble statistical model. *Theoretical and Applied Climatology* 116, 131–146.
- 27) Grelle G., M. Soriano, P. Revellino, L. Guerriero, M. G. Anderson, A. Diambra, F. Fiorillo, L. Esposito, **N. Diodato**, F.M. Guadagno, 2014. Space-time prediction of rainfall-induced shallow landslides through a combined probabilistic/deterministic approach, optimized for initial water table conditions. *Bulletin of Engineering Geology and the Environment* 73, 877-890 <http://link.springer.com/article/10.1007%2Fs10064-013-0546-8>

- 28) **Diodato N.**, L. Esposito, G. Bellocchi, L. Vernacchia, F. Fiorillo, F. Guadagno, 2013. Assessment of the Spatial Uncertainty of Nitrates in the Aquifers of the Campania Plain (Italy). *American Journal of Climate Change*, 2 (2), 128-137. doi: [10.4236/ajcc.2013.22013](https://doi.org/10.4236/ajcc.2013.22013)
- 29) **Diodato, N.** Brocca L., Bellocchi G., Fiorillo F., Guadagno F. M., 2013. Complexity-reduction modelling for assessing the macro-scale patterns of historical soil moisture in the Euro-Mediterranean region. *Hydrological Processes* 28, 3752–3760. <https://onlinelibrary.wiley.com/doi/abs/10.1002/hyp.9925>
- 30) Camuffo D., C. Bertolin, N. **Diodato**, C. Cocheo, M. Barriendos, F. Dominguez-Castro, E. Garnier, M. J. Alcoforado, M. F. Nunes, 2013. Western Mediterranean precipitation over the last 300 years from instrumental observations. *Climatic Change* 117, 85-101. <http://link.springer.com/article/10.1007%2Fs10584-012-0539-9>
- 31) **Diodato N.**, Støren E.W.N., Bellocchi G., Nesje A., 2013. Modelling sediment load in a glacial meltwater stream in western Norway. *Journal of Hydrology* 486, 343-350 <http://www.sciencedirect.com/science/article/pii/S0022169413001236>
- 32) **Diodato N.**, Knight J., Bellocchi G., 2013. Reduced complexity model for assessing patterns of rainfall erosivity in Africa. *Global and Planetary Change* 100, 183-193 <http://www.sciencedirect.com/science/article/pii/S0921818112002056>
- 33) **Diodato N.**, Bellocchi G., 2013. Multiscale modelling of rainstorm-induced historical intermediate floods (June–November) in the Rhone River Basin. *Natural Hazard* 65, 1465-1479 <http://link.springer.com/article/10.1007/s11069-012-0419-7>
- 34) **Diodato N.**, Fiorillo F., 2012. Complexity-reduced in the hydroclimatological modelling of aquifer's discharge. *Water and Environment Journal* 27, 170-176 <http://onlinelibrary.wiley.com/doi/10.1111/j.1747-6593.2012.00336.x/abstract>
- 35) **Diodato N.**, Bellocchi G., 2012. Decadal modelling of rainfall–runoff erosivity in the Euro-Mediterranean region using extreme precipitation indices. *Global and Planetary Change* 86-87, 79–91.
- 36) **Diodato N.**, Gericke A., Bellocchi G., 2012. Modelling the inter-annual variability of sediment yields: A case study for the upper Lech River. *Catena* 97, 12–19 <http://www.sciencedirect.com/science/article/pii/S0341816212000975>
- 37) Alberico I., Fiorentino N., Fagnano M., **Diodato N.**, 2012. An overview of soil erosion modelling compatible with RUSLE approach. *Rend. Fis. Acc. Lincei* DOI 10.1007/s12210-011-0159-8.
- 38) **Diodato N.**, Bellocchi G., Chirico G.B., Romano N., 2011. How the aggressiveness of rainfalls in the Mediterranean lands is enhanced by climate change. *Climatic Change* 108, 591-599. <http://alturl.com/r5t66>
- 39) **Diodato N.**, Petrucci O., Bellocchi G., 2012. Scale-invariant rainstorm hazard modelling for slopeland warning. *Meteorological Applications* DOI: 10.1002/met.259 <http://alturl.com/3uujh>
- 40) **Diodato N.**, Bellocchi G., 2011. Discovering the anomalously cold Mediterranean winters during the Maunder minimum. *Holocene* 22 doi: 10.1177/0959683611427336 <http://hol.sagepub.com/content/22/5/589>
- 41) **Diodato N.**, Bellocchi G., 2011. Historical perspective of drought response in Mediterranean Italy. *Climate Research* 49, 189-200 <http://www.int-res.com/abstracts/cr/v49/n3/p189-200/>
- 42) **Diodato N.**, Fagnano M., Alberico I., 2011. Geospatial and visual modeling for exploring sediment source areas across the Sele river landscape, Italy. *Italian Journal of Agronomy* 6, <http://alturl.com/mxf9z>
- 43) **Diodato N.**, Tartari G., Bellocchi G., 2011. How do Himalayan areas respond to global warming? *International J. Climatology* 32, 975–982 <http://alturl.com/ccwxj>
- 44) **Diodato N.**, Bellocchi G., 2010. Storminess and Environmental Changes in the Mediterranean Central Area. *Earth Interaction* 14, 1-16. <http://alturl.com/aie5a>
- 45) Camuffo D., Bertolin C., Barriendos M., Dominguez-Castro F., Cocheo C., della Valle A., Garnier E., Alcoforado M.J., **Diodato N.**, 2010. The western Mediterranean climate: how will it respond to global warming? *Climatic Change - Special Issue* 100, 137-142. <http://link.springer.com/article/10.1007%2Fs10584-010-9817-6>
- 46) Camuffo D., Bertolin C., Barriendos M., Dominguez-Castro F., Cocheo C., Enzi S., Sghedoni M., della Valle A., Garnier E., Alcoforado M.J., Xoplaki E., Luterbacher J., **Diodato N.**, Maugeri M., Nunes M.F. and Rodriguez R., 2010. 500-year temperature reconstruction in the Mediterranean Basin by means of documentary data and instrumental observations. *Climatic Change* 101, 169-199. <http://alturl.com/nsiq5>
- 47) **Diodato N.**, Bellocchi G., 2010. MedREM, a rainfall erosivity model for the Mediterranean region. *Journal of Hydrology* 387, 119–127. doi:10.1016/j.jhydrol.2010.04.003
- 48) **Diodato N.**, Bellocchi G., Ceccarelli M., 2010. GIS-aided evaluation of evapotranspiration at multiple spatial and temporal climate patterns using geoindicators. *Ecological Indicators* 10, 1009-1016 <http://tinyurl.com/2vo8ekp>
- 49) **Diodato N.**, Tartari G., Bellocchi G., 2010. Geospatial Rainfall Modelling at Eastern Nepalese highland from ground environmental data. *Water Resources Management* 24, 2703-2720
- 50) Grauso S., **Diodato N.**, Verrubi V., 2010. Calibrating a rainfall erosivity assessment model at regional scale in Mediterranean area. *Environmental Earth Sciences* 60, 1597-1606 <http://alturl.com/uus7y>
- 51) **Diodato, N.**, Ceccarelli, M., 2009. Combining satellite and geospatial technologies for rainstorms hazard soft mapping. *The Open Environmental Engineering Journal* 2, 97-103.
- 52) **Diodato N.**, Petrucci O., Ceccarelli, M., 2009. Rainstorm hazard problem-solving spatial-time scale invariant process model designing. *Geophys. Res. Abstracts* 11, EGU2009-4107
- 53) **Diodato N.**, Alberico, I., Fagnano, M., 2009. CliFEM – Climate Forcing and Erosion Modelling at Long-Term Sele River Research Basin (Southern Italy). *Natural Hazard and Earth System Science* 9 (5), 1-10
- 54) **Diodato N.**, Bellocchi G., 2009. Assessing and modelling changes in rainfall erosivity at different climate scales. *Earth Surface Processes and Landforms* 34, 969-980 <http://alturl.com/9j63n>
- 55) **Diodato N.**, Grauso S., 2009. An improved correlation model for Sediment Delivery Ratio assessment. *Environmental Earth Sciences* 59, 223-231. <http://www.springerlink.com/content/m11817x03305651/>

- 56) **Diodato N.**, Ceccarelli M., Bellocchi G., 2008. Decadal and century-long changes in the reconstruction of erosive rainfall anomalies at a Mediterranean fluvial basin. *Earth Surface Processes and Landforms* 33, 2078–2093 <http://onlinelibrary.wiley.com/doi/10.1002/esp.1656/abstract>
- 57) **Diodato N.**, Bellocchi G., 2008. Modelling NDVI responses to climate variability in Mediterranean terrestrial ecosystem. *Environmental Monitoring and Assessment* 44, 147-159 <http://alturl.com/4ike6>
- 58) Capolongo D., **Diodato N.**, Mannaerts C.M., Piccarreta M., Strobl R.O., 2008. Analyzing temporal changes in climate erosivity using a simplified rainfall erosivity model in Basilicata. *Journal of Hydrology* 356 (1), 119-130. <http://www.sciencedirect.com/science/article/pii/S0022169408001753>
- 59) **Diodato N.**, Bellocchi G., 2008. Drought stress patterns in Italy using agro-climatic indicators. *Climate Research* 36, 53-63 <http://www.int-res.com/abstracts/cr/v36/n1/p53-63/>
- 60) **Diodato N.**, Bellocchi G., 2007. Estimating monthly (R)USLE climate input in a Mediterranean region using limited data. *Journal of Hydrology* 345, 224-236.
- 61) **Diodato N.**, Bellocchi G., 2007. Modeling reference evapotranspiration over complex terrains from minimum climatological data. *Water Resource Research* 43 <https://agupubs.onlinelibrary.wiley.com/doi/full/10.1029/2006WR005405>
- 62) **Diodato N.**, Mariani, L., 2007. Testing a climate erosive forcing model in the Po River Basin. *Climate Research* 33 (2), 195-206 <http://www.int-res.com/abstracts/cr/v33/n2/p195-206/>
- 63) **Diodato N.**, Bellocchi G., 2007. Modelling solar radiation over complex terrains using monthly climatological data. *Agricultural and Forest Meteorology* 144, 111-126 <https://www.sciencedirect.com/science/article/pii/S0168192307000603>
- 64) **Diodato N.**, 2007. Climatic fluctuations in Southern Italy since 17th century: reconstruction with precipitation records at Benevento. *Climatic Change* 80, 411-431 <http://alturl.com/gfsa8>
- 65) **Diodato N.**, 2006. Hydroinformatics system for pollutant potential leaching spatial uncertainty assessment. *Environmental Geoscience* 13, 227-238 <http://deg.aapg.org/Journal/archiveEGjournalcontents/2006.aspx#4>
- 66) **Diodato N.**, 2006. Spatial uncertainty modeling of climate processes for extreme hydrogeomorphological events hazard monitoring. *Journal of Environmental Engineering ASCE* 132, 1530-1538 <http://alturl.com/ntaew>
- 67) **Diodato N.**, 2006. A 425-year precipitation history from documentary weather anomalies and climate records at Palermo, Italy. *PAGES News* 14 (1), 34-35.
- 68) **Diodato N.**, Ceccarelli M., 2006. Computational uncertainty analysis of groundwater recharge in catchment. *Ecological Informatics* 1, 377-389 <http://www.sciencedirect.com/science/article/pii/S157495410600032X>
- 69) **Diodato N.**, 2006. Modelling net erosion responses to enviroclimatic changes recorded upon multiseccular timescales. *Geomorphology* 80, 164-177 <http://www.sciencedirect.com/science/article/pii/S0169555X0600081X>
- 70) **Diodato N.**, 2005. Predicting RUSLE (Revised Universal Soil Loss Equation) Monthly Erosivity Index from Readily Available Rainfall Data in Mediterranean Area. *The Environmentalist* 25, 63-70 <http://alturl.com/6djoc>
- 71) **Diodato N.**, Ceccarelli M., 2005. Environinformatics in ecological risk assessment of agro-ecosystems pollutant leaching. *Stochastic Environmental Research and Risk Assessment* 19, 292-300 <http://alturl.com/oeucr>
- 72) **Diodato N.**, 2005. The influence of topographic co-variables on the spatial variability of precipitation over little regions of complex terrain. *International Journal of Climatology* 25, 351-363 <http://onlinelibrary.wiley.com/doi/10.1002/joc.951/pdf>
- 73) **Diodato N.**, 2005. Geostatistical uncertainty modelling for the environmental hazard assessment during single erosive rainstorm events. *Environmental Monitoring and Assessment* 105, 25-42 <http://alturl.com/ifm37>
- 74) **Diodato N.**, Ceccarelli M., 2005. Processes using multivariate geostatistics for mapping interpolation of climatological precipitation mean in the Sannio Mountains. *Earth Surface Processes and Landforms* 30, 259-268.
- 75) **Diodato N.**, Ceccarelli M., 2005. Geographical information systems and geostatistics for modelling radioactively contaminated land areas. *Natural Hazard* 35 (2), 229-242 <http://alturl.com/ehehz>
- 76) **Diodato N.**, Ceccarelli M., 2004. Multivariate Indicator Kriging approach using a GIS to classify Soil Degradation for Mediterranean agricultural lands. *Ecological Indicators* 4, 177-187 <https://www.sciencedirect.com/science/article/pii/S1470160X04000408>
- 77) **Diodato N.**, 2004. Estimating RUSLE's rainfall factor in the part of Italy with a Mediterranean rainfall regime. *Hydrology & Earth System Sciences* 8, 103-107 <http://alturl.com/nhd9h>
- 78) **Diodato N.**, 2004. Local models for rainstorm-induced hazard analysis on Mediterranean river-torrential geomorphological systems. *Natural Hazard and Earth System Sciences* 4, 389-397 <http://www.nat-hazards-earth-syst-sci.net/4/389/2004/nhess-4-389-2004.html>
- 79) **Diodato N.**, Russo F., 2003. A geostatistical approach to the mapping of rainstorm hazard in the Sannio District of the Campania Apennines. *Geogr. Fis. Dinam. Quat.* 26, 35-40. <http://gfdq.glaciologia.it/?p=1571>
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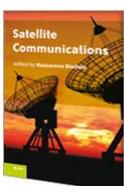
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