Publications list Edzer Pebesma

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1 International journals


and Temporal Changes. Environmetrics 16, (6), p 573-587. (pdf) (R script)


2 Conference papers


34. Bivand, R., E.J. Pebesma, Barry Rowlingson (2005) Collaborative open source software development: the case of sp, a package of R class definitions for spatial data. Presented at the 8th International Conference on GeoComputation, School of Natural Resources & Environment, University of Michigan, session 503, July 31 — August 3, 2005


the fifth International Symposium on Spatial Accuracy Assessment in Natural Resources and Environmental Sciences (eds. G. Hunter and K. Lowell). Melbourne: RMIT University, 179-186.


3 Conference/meeting (extended) abstracts or posters


of data with a variable spatial support. EGU 2015, submitted to session HS3.3.


9. C. Knoth, E. Pebesma, 2014. Detecting Destruction in Conflict Areas in Darfur. GEOBIA 2014 - Geographic Object Based Image Analysis; Thessaloniki, Greece


4 Invited papers/presentations


5 Books, reports, book chapters, etc.


2. Kathleen Stewart, Edzer Pebesma, Gerhard Navratil, Paolo Fogliaroni, Matt Duckham (eds.) Extended Abstract Proceedings of the GIScience 2014. GEO.INFO 40, Department of Geodesy and Geoinformation, Vienna University of Technology.


27. Pebesma, E.J. and J.W. de Kwaadsteniet, 1995, Een landsdekkend beeld van veranderingen in de Nederlandse grondwaterkwaliteit op 5 tot 17 meter diepte (Maps of temporal changes in groundwater quality

6 Standard documents

1. Uncertainty Markup Language (UncertML). M. Williams, D. Cornford, L. Bastin and E. Pebesma (eds.) OGC Discussion paper 08-122. See also http://www.uncertml.org/.

7 Published reviews

1. Pebesma, E. Interactive comment on “An open and extensible framework for spatially explicit land use change modelling in R: the lulccR package (0.1.0)” by S. Moulds et al.

2. Pebesma, E. Interactive comment on “Topological and canonical kriging for design-flood prediction in ungauged catchments: an improvement over a traditional regional regression approach?” by S. A. Archfield et al.

3. Gräler, B., E. Pebesma, Review of “Interpolation of groundwater quality parameters with some values below the detection limit”, by A. Bárdossy.


8. **Under review/accepted for publication**


9. **Editorial boards/guest editorials**


8. Special Section editor, with Thomas Romary on a Spatial Statistics special issue on GeoENV 2014.


10. Special Issue editor, with Roger Bivand and Paulo Justiano Ribeiro Jr, for a *Journal of Statistical Software* special issue on *Spatial Statistics*


10 Tutorials/workshops etc.

1. Chue Hong, Neil; Hammitzsch, Martin; Hufton, Andrew; Neteler, Markus; Pebesma, Edzer; van Edig, Xenia; Wenig, Philip, 2015. Open Science goes Geo – Part II: Scientific Software. Short course, held at the European Geosciences Union General Assembly 2015. The talks are available at YouTube, slides at Zenodo.

2. Various geostat-course.org video’s: 2012 2014


10. GI science for environmental change: use cases the Brazilian Amazon. Giovana Mira de Espindola, Gilberto Câmar and Edzer Pebesma. Workshop at Geoinformatik 2011, 15-17 June 2011, Münster, Germany.

11  Published software tutorials (R package vignettes or task views)


3. Pebesma, E., 2013. Customising spatial data classes and methods, in R package `sp`


