

## CV KARIN PFEFFER

### **University of Amsterdam, Department of Geography and Planning (1 september 2008 – present)**

*Assistant professor Geographical Information Systems*

Research: GIS-based information systems, Spatial Information Infrastructures, urban deprivations, spatial concentrations, cities and climate change

Member of the research group *Governance and Inclusive Development* and the cross-cutting theme *Geography of Coastal Lowlands*

Teaching: GIS & cartography, Introduction to Statistics, Methods & Techniques spatial planning, Water-related issues.

Management: Programme director Master Human Geography and Master Urban and Regional Planning

### **University of Amsterdam, Department of Geography and Planning (1 march 2007 – 1 september 2008)**

*Researcher with teaching tasks*

Research: GIS-based information systems, Spatial Information Infrastructures, urban deprivations, spatial concentrations

Member of the research group *Urban Geography* and the cross cutting theme *Geography of Coastal Lowlands*

Teaching: GIS & cartography, Informatics, Social Network Analysis, Methods & Techniques spatial planning, Water-related issues.

### **International Institute for Geo-Information Science and Earth Observation, Department for Urban and Regional planning and Geo-information management, Enschede (1 january 2004 – 1 february 2006)**

*Researcher and lecturer in the planning and decision making knowledge field*

Topics: Scenario Development, (Spatial) Multicriteria Evaluation, Decision Support Systems, Planning Support Systems, Collaborative decision making, Integrated Water resource management

### **University of Amsterdam, Department of Geography and Planning (1 march 2003 – 1 march 2007)**

*PostDoc Geographical Information Systems*

Research: GIS-based monitoring system for the region of Amsterdam;

<http://mapinfoserver.fmg.uva.nl>

Mapping urban poverty for local governance in Indian Megacities

Teaching: GIS, cartography, informatics

### *Courses followed*

Didactics for starting university lecturers (UvA, 6-day course), Teaching in English for a diverse student population (UvA, 3-day course), GIS and Spatial Modeling for the Undergraduate Social Science Curriculum (1 week course; Ohio-State University)

## **Utrecht University, Department of Geographical Sciences (October 1998 - December 2002)**

### *PhD researcher*

Elaboration of the Sölden Case study within the European research network for the application of Geomorphology and EIA to Transport Systems (GETS-project, <http://www.feweb.vu.nl/gis/research/gets>)

Title of PhD thesis: Integration of spatio-temporal environmental models for the planning of ski runs

Defence: 21 February 2003; Promotoren: Prof. Dr. P.A Burrough, Ao. Univ. Prof. Dr. B. Bauer

### *Courses followed*

GIS, Environmental modelling with PCRaster, Prediction models using probability functions, Environmental impact assessment and GIS, Decision support systems and multicriteria analysis, Scientific writing, Oral presentations, Geo-ecological concepts

## **MSc Natural Sciences at University of Vienna**

Title of MSc thesis: Chancen der Rehabilitierung beeinträchtigter Landschaftselemente

1992-1998	Institute of Geography – courses in physical geography, human geography, cartography, economical sciences and teaching Institute of Mathematics – courses in general analysis and algebra, advanced analysis and teaching (applied algebra, introduction to probability and statistics, calculus)
1996	Student assistant for the excursion to Canada
1997	University of Utrecht, Erasmus exchange student (6 months)

## **Federal State Gymnasium Vöcklabruck, Austria (1984-1992)**

1988-1992	Gymnasium with specialisation in natural sciences
1984-1988	General gymnasium

### *Academic output*

#### Peer-reviewed

Baud, I.S.A, K. Pfeffer, Sridharan, N and N. Nainan (2009) Matching deprivation mapping to urban governance in three Indian mega-cities, *Habitat International* 33 (4), 365-377.

Baud, I.S.A, Sridharan, N. and K. Pfeffer (2008) Mapping urban poverty for local governance in Indian Megacities: The case of Delhi, *Urban Studies* 45 (7), 1385-1412.

Karssenber, D. Pfeffer, K. and M. Vissers (2006) Software tools in hydrological modelling, In: Guipponi, C., Jakeman, A.J., Karssenber, D., and M.P. Hare, *Sustainable Management of Water Resources: an integrated approach*, Cheltenham, UK: Edward Elgar, 235-262.

Burrough, P. and K. Pfeffer (2003), Opportunities and constraints of downscaling in environmental research, *Landschap* 2003-2.

Pfeffer, K., Pebesma, E.J and P.A. Burrough (2003) Mapping vegetation types in an Alpine area using vegetation observations and derivatives of a digital elevation model, *Landscape Ecology* 18, 759-776.

Pfeffer, K. (2003) *Integrating spatio-temporal environmental models for the planning of ski runs*, Utrecht: Faculty of Geographical Sciences, Utrecht University, Ph.D. thesis, published in Netherlands Geographical Studies (NGS) 311, 240 pp

#### Dutch-language publication

Pfeffer, K., Bosveld, W. and T. Bouchier (2005) Grenzeloze dynamiek in stad en regio, *Rooilijn* 9, 436-443.

Kuit, R. and K. Pfeffer (2008) Wijken in Veranderingen, O&S & Regiomonitor publicatie.

#### Conference presentations/papers

Richter, C, Miscione, G., Pfeffer, K. and Georgiadou, Y., Design of an unbounded ethnography of spatial information infrastructure development, paper prepared for GSDI, Rotterdam, *Juni 2009*.

Pfeffer, K., Baud, I.S.A., Sridharan, N. and J. Martinez-Martin, The role of Spatial Information Infrastructure for addressing urban deprivations in Indian cities, paper prepared for N-Aerus, *Edinburgh, December 2008*

Pfeffer K. and S. Musterd, Modelling residential dynamics, Computers in Urban Planning and Urban Management (CUPUM), *Iguassu,, July 2007*

Pfeffer, K., Monitoring local and regional clusters at the micro-scale, EUGEO 2007, *Amsterdam, August 2007*

Baud, I.S.A, Pfeffer, K., Sridharan, N. and N. Nainan, Matching knowledge to urban governance: mapping deprivations in three Indian mega-cities, Urban Conditions and Life Chances, *Amsterdam, July 2006*

Van der Groep, R. and K. Pfeffer, Diverging cluster dynamics of audiovisual companies in the Netherlands, Urban Conditions and Life Chances, *Amsterdam, July 2006*

Pfeffer, K., Veldhuizen, E.M. and M.C. Deurloo, A GIS-based information system: the Regiomonitor Amsterdam, Computers in Urban Planning and Urban Management (CUPUM), *London, June 2005*

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Pfeffer, K., Van Asch, T.W.J and P.A. Burrough, Application of spatio-temporal environmental modelling and multicriteria analysis to optimise the planning of socio-economic infrastructure, International Society for Environmental Modelling and Software Society (iEMSs)-Integrated Assessment and Decision Support, *Lugano 2002*

Pfeffer, K., Van Asch, T.W.J., Burrough, P.A. and A.G. Fabbri, Integration of modelling approaches in the assessment of environmental impact of ski pistes in alpine areas, 4th International Conference on Integrating GIS and Environmental Modeling (GIS/EM4), *Banff 2000*.

Pfeffer, K., Ghinai, A., Van Asch, T.W.J and B. Bauer, Deterministic and statistical modelling with integrated datasets and GIS as a support for an EIA, applied on ski runs in Sölden (Austrian Alps) Poster presentation, XIX International Congress for Photogrammetry and Remote sensing (ISPRS), *Amsterdam 2000*.

#### Tool development

CD-rom Regiomonitor Amsterdam (2003; updates 2004-2008)

*Computer skills* GIS software (Ilwis, PCRaster, Idrisi, MapInfo, ArcGIS)

Environmental modelling with PCRaster,

Gstat (geostatistics)

SPSS, Stata

Ucinet for network analysis (basics)

Microsoft Access database

*Languages*

German and

English and Dutch (fluent)

Basic conversational Spanish