

Invited Talks or Keynotes

- 1) **Kienberger, S.** (5 Jun 2014): Towards an holistic spatial assessment of vulnerability to hazards - Concepts, Methods and Requirements. UNOOSA/UN-SPIDER Workshop on Use of Space Technology in Disaster Risk Management, June 5th, 2014 – Thimphu, Bhutan
- 2) **Kienberger, S.** (5 May 2014): Mapping the 'unmeasurable': Opportunities and challenges for spatial indicators to represent complex, latent phenomena. Lectures in GIScience: Research progress and frontiers, University of Salzburg, Austria
- 3) **Kienberger, S.** (13 Mar 2014): Hochwassermanagement 4.0 - Chancen und Risiken neuer Technologien. jugendKLIMAgipfel 2014, Salzburg
- 4) **Kienberger, S., Resl, R.** (17 Feb 2014): Public Participation and Collaborative Planning...and 'GIS' – Reflections, Examples, Requirements. GIS for managing vulnerable environments: the GeoCommunity-SDI, Galápagos – 09.02 – 23.02.2014
- 5) **Kienberger, S.** (6 Nov 2013): Introduction to GIS & Identifying and evaluating hotspots of climate-related indicators in the Sahel. Climate and Impact Modelling for Eastern Africa: Climate, Water, Agriculture and Health, 28 October – 8 November 2013, Addis Ababa, Ethiopia
- 6) **Kienberger, S.** (4 Sept 2013): Spatial assessment of vulnerability integrating spatial analysis, participation and multi-scale approaches. Examples from Mozambique and Austria. Faculty of Sciences, University of the Republic, Montevideo, Uruguay
- 7) **Kienberger, S.** (3 Sept 2013): Spatial Assessment of Vulnerability - Concepts and Methods. SNRCC National System to Climate Change Response, Ministry of Environment, Montevideo, Uruguay
- 8) **Kienberger, S.** (20 Mar 2013): Climate change, vulnerability and extreme events - What we know and how GIS and Remote Sensing can contribute to climate change adaptation. Public lecture at the National University of Rwanda, Butare/Huye, Rwanda
- 9) **Kienberger, S.** (22 Oct 2012): Operationalizing concepts - Methods and Tools: Visions and Recommendations from the MOVE project. Workshop "Social sciences contributing to natural hazards research" 22-23 October 2012, European Commission DG Research & Innovation /Climate Change & Natural Hazards, Brussels, Belgium.
- 10) **Kienberger, S.** (10 Oct 2012): Spatial Assessment of Vulnerability. UN-SPIDER National Workshop Mozambique, 10. October 2012, Maputo, Mozambique.
- 11) **Kienberger, S.** (2 Aug 2012): Spatial Assessment of Vulnerability. UN-SPIDER National Workshop Cabo Verde, 2. August 2012, Praia, Cape Verde.
- 12) **Kienberger, S.** (3 Jul 2012): Spatial Assessment of Vulnerability Búzi - Mozambique: Integrating participation, spatial analysis and multi-scale approaches. UNU-EHS/Munich Re Foundation Summer Academy 2012 on Social Vulnerability: From Social Vulnerability to Resilience - Measuring Progress toward Disaster Risk Reduction, 1. – 7. July 2012, Hohenkammer, Germany.

- 13) **Kienberger, S.** (27 Jun 2012): Vulnerability to natural hazards and climate change in mountain regions: Concepts – Methods – Applications. Summer School “Climate Change in Mountain Regions: meta-disciplinary impacts, causes, consequences and mitigation and adaptation strategies”, 25. June – 6. July 2012, Salzburg, Austria
- 14) **Kienberger, S.** (20 Oct 2011): Mapping Vulnerability: Concept and Methods. The Use of Space Technology for Disaster Management in Sri Lanka, 20. October 2011, Colombo, Sri Lanka.
- 15) **Kienberger, S.** (5 Jul 2011): New spatial tools for improved vulnerability mapping - Climate Change/Disaster Risk Reduction - Mozambique/Austria. VIII Expert Working Group on Measuring Vulnerability, 4. - 5. July 2011, Salzburg, Austria.
- 16) Zeil, P., **Kienberger, S.** (9 Feb 2011): Capacity development and facilitation. UN-SPIDER Expert Meeting on Space-based Technologies and Emergency Response in the context of the 48th Session Scientific and Technical Subcommittee Meeting of the Committee on the Peaceful Uses of Outer Space (COPOUS), 7-18 February 2011, Vienna, Austria.
- 17) **Kienberger, S.** (4 Oct 2010): Monitoring Vulnerability – Integration of Earth Observation for enhanced Disaster Risk Reduction. International Symposium on Benefiting from Earth Observation, Bridging the Data Gap for Adaptation to Climate Change in the Hindu Kush-Himalayan Region, 4 - 6 October 2010, Kathmandu, Nepal.
- 18) **Kienberger, S.** (2 Oct 2010): The notion of vulnerability – Its need within an integrated disaster risk management. Pre-symposium workshop on Space-Based Information for Disaster Preparedness and Risk Management, Kathmandu, Nepal.
- 19) **Kienberger, S.**, (29 Apr 2009). Spatial Modelling of Vulnerability to Floods - Socio-economic and environmental dimension. IHDP Open Meeting 2009, Bonn, Germany (Special Session of the Vulnerability Expert Working Group)
- 20) **Kienberger, S.** (2 Dec 2008): Introduction to Remote Sensing. Public lecture, University of Prishtina, Kosovo.
- 21) **Kienberger, S.** (14 Oct 2008): Community-based vulnerability assessment - the case of flood risk reduction in Central Mozambique. Second United Nations International UN-SPIDER Bonn Workshop: 'Disaster Management and Space Technology - Bridging the Gap, Bonn, Germany
- 22) **Kienberger, S.** (23 Jun 2008): Vulnerability Reduction and Participatory GIS in Central Mozambique - An overview. Keynote presentation at the LEAR by GIS Summer School in Porto, Portugal.

Presentations at Conferences/Workshops

- 23) **Kienberger, S.** (25 Apr 2014): Crystal ball or future pathways: Opportunities and constraints for spatially explicit vulnerability scenarios to climate change impacts. Demographic Differential Vulnerability to Natural Disasters in the Context of Climate Change Adaptation, Kao Lak (Phang Nga), Thailand 23-25 April 2014

- 24) **Kienberger, S.** (4 Apr 2014): Linking climate change adaptation and vulnerability assessments: Future impacts of vector-borne diseases in eastern Africa. Österreichischer Klimatag 2014, 3.-4. April, 2014, Innsbruck, Austria
- 25) **Kienberger, S.** (30 Jan 2014): Beyond image data: Representing complex, latent phenomena by modelling homogenous regions. OBIA DK Mini Conference, Salzburg, Austria
- 26) **Kienberger, S.** (7 Dec 2013): Mapping latent spatial phenomena. „Quality of Life“ Mini Conference, Salzburg, Austria
- 27) **Kienberger, S.** & Füreder, P. (28 Nov 2013): Von Geodaten zu nutzbarer Geoinformation - Entwicklung von und Anforderung an kartografische Produkte im Katastrophenmanagement-Zyklus. Raum – Zeit – Risiko. Workshop der Kommission „Risiken, Katastrophen, Sicherheit“ der Deutschen Gesellschaft für Kartographie e.V, 28 November 2013, München, Germany
- 28) **Kienberger, S.** (7 Nov 2013): Mapping hotspots of vulnerability to vector-borne diseases in East Africa - Lessons for national and regional Spatial Data Infrastructures. Global Geospatial Conference 2013 (GSDI 14) & AfricaGIS 2013, 4 – 8 November 2013, Addis Ababa, Ethiopia
- 29) **Kienberger, S.** (27 Oct 2013): Integrating vulnerability assessments into humanitarian assistance - Mapping hotspots of vulnerability to vector-borne diseases in East Africa. XV. Humanitarian Congress Berlin, 25 – 27 October 2013, Berlin, Germany
- 30) **Kienberger, S.** (13 Jun 2013): Integrated assessment of vulnerability in the Salzach catchment - Concepts and methods. CHAT – Mountain Days, 12 – 13 June 2013, Mittersill, Austria
- 31) **Kienberger, S.** (28 May 2013): Integrated health risk assessment - Present and future hot spots of Malaria risk and vulnerability in eastern Africa. Impacts World 2013 – International Conference on Climate Change Effects, 27 – 30 May 2013, Potsdam, Germany
- 32) **Kienberger, S.** (29 Mar 2013): Mapping the underlying causes of vector-borne diseases in East Africa - Examining social vulnerability to Malaria. 4th Annual East Africa Health, Scientific Conference, International Health Exhibition and Trade Fair, Environment and Health in Africa - Climate and vector-borne diseases Symposium, 29 March 2013, Kigali, Rwanda
- 33) **Kienberger, S.** (15 Nov 2012): Räumliche Modellierung von Vulnerabilität – Integration von Suszeptibilität und Resilienz. 6. KatNet Tagung, 15 – 16 November 2012, Bonn, Germany
- 34) **Kienberger, S.** (13 Nov 2012): Vulnerabilitätsszenarien im Kontext von Klimawandel und Naturgefahren: Möglichkeiten einer raum-zeitlichen Bewertung. 12. Forum Katstrophenvorsorge (DKKV), 13 – 14 November 2012, Bonn, Germany
- 35) **Kienberger, S.** (31 Oct 2012): Malaria vulnerability hot spots in East Africa: Examining the underlying causes for Malaria risk. 9th International Conference African Association of Remote Sensing of the Environment (AARSE), 29 October – 2 November 2012, El Jadida, Morocco
- 36) **Kienberger, S.** (30 Aug 2012): Water-related vector-borne diseases in eastern Africa: Present and future risks. 32nd International Geographical Congress, 26 - 30 August 2012, Cologne, Germany.

- 37) **Kienberger, S.** (28 Aug 2012): Crystal ball or support for decision makers? Exploring opportunities towards vulnerability scenarios and trends. 32nd International Geographical Congress, 26 - 30 August 2012, Cologne, Germany.
- 38) Schneiderbauer, S., **Kienberger, S.** (28 Aug 2012): Risk reduction – an integration task. Exploring opportunities towards vulnerability scenarios and trends. 32nd International Geographical Congress, 26 - 30 August 2012, Cologne, Germany.
- 39) **Kienberger, S.** (27 Aug 2012): Factors of local vulnerability – Reflections from participatory exercises in Africa and Asia. 32nd International Geographical Congress, 26 - 30 August 2012, Cologne, Germany.
- 40) **Kienberger, S.** (5 Jul 2012): Der Beitrag Satelliten-basierter Bodenfeuchte-Information für ausgewählte Anwendungen im Risiko- und Naturgefahrenmanagement. AGIT 2012 - Symposium für Angewandte Geoinformatik, 4. – 6. July 2012, Salzburg, Austria
- 41) Hagenlocher, M., **Kienberger, S.** (22 Nov 2011): Climate Change and the vulnerability of mountain regions: Concepts and methods towards an integrated assessment. Managing Alpine Future II, 21.-23. November 2011, Innsbruck, Austria.
- 42) Birkmann, J., Garschagen, M., **Kienberger, S.**, Storch, H. (3 Nov 2011): Advancing the development of socio-economic scenarios through the lens of vulnerability and adaptive capacity. The Nature and Use of New Socioeconomic Pathways for Climate Change Research, 2.-4. November 2011, Boulder, USA.
- 43) **Kienberger, S.** (4. Oct 2011): Spatial modelling of vulnerability to floods in Mozambique – Integration of community and expert perceptions in a spatial manner. Workshop on the current hazard mapping capacity and effectiveness of scenario based tools for long term planning mechanism, 4. October 2011, Lilongwe, Malawi
- 44) **Kienberger, S.** (4. Oct 2011): Climate Change Adaptation in the context of Disaster Risk Reduction. Workshop on the current hazard mapping capacity and effectiveness of scenario based tools for long term planning mechanism, 4. October 2011, Lilongwe, Malawi
- 45) **Kienberger, S.** (4. Oct 2011): Assessment of Gaps and Opportunities for Geoinformation in Malawi. Workshop on the current hazard mapping capacity and effectiveness of scenario based tools for long term planning mechanism, 4. October 2011, Lilongwe, Malawi.
- 46) **Kienberger, S.** (29. Sep 2011): Results of vulnerability assessment – deforestation & population dynamics. Workshop on River Modelling Study for the Central Region River Basin - Linthipe and Lingadzi River System, Lilongwe, Malawi.
- 47) Hagenlocher, M., **Kienberger, S.** (29. Sep 2011): Modelling the vulnerability to floods for the Salzach river - application of the MOVE framework for different scales. 5th International Conference on Flood Management, 27.-29. September 2011, Tokyo, Japan.
- 48) **Kienberger, S.** (28. Sep 2011): River Basin Study for the Linthipe and Lingadzi River Catchments – Summary of Results. Workshop on River Modelling Study for the Central Region River Basin - Linthipe and Lingadzi River System, Lilongwe, Malawi.

- 49) **Kienberger, S.** (28. Sep 2011): Results of the hazard assessment – historic floods & flood modelling. Workshop on River Modelling Study for the Central Region River Basin - Linthipe and Lingadzi River System, Lilongwe, Malawi.
- 50) **Kienberger, S.** (11 May 2011): The MOVE Salzach River flood case study. ENSURE Final workshop, 10.-11. May 2011, Orléans, France.
- 51) **Kienberger, S.** (8 Apr 2011): Application of the MOVE framework for local and sub-national scale levels on flood hazards - Contributions to the vulnerability and scale debate. EGU General Assembly 2011, 3. – 8. Apr 2011, Vienna, Austria.
- 52) **Kienberger, S.** (25 Oct 2010): Spatial Modelling of Vulnerability to floods in Mozambique – Integration of community and expert perceptions in a spatial manner. AARSE 2010 - African Association of Remote Sensing for the Environment, 25.-29.10.2010 Addis Ababa, Ethiopia.
- 53) **Kienberger, S.** (9 Nov 2009): Modelling socio-economic vulnerability to floods – Comparison of methods developed for European and Asian case studies. BRAHMATWINN International Symposium, Nov 9, 2009, Kathmandu, Nepal.
- 54) **Kienberger, S.,** (19 Jun 2009): Vulnerability Reduction in Mozambique — The Key of Providing Spatial Information on the Local Level. KatNet Tagung, Vulnerabilität und Resilienz im Entwicklungszusammenhang, 18.-20.06.2009, Kiel
- 55) **Kienberger, S.,** (26 May 2009). Modelling socio-economic vulnerability to floods: Comparison of methods developed for European and Asian case studies. Sustainable Development. A challenge for European research. 26-28 May 2009, Brussels, Charlemagne building.
- 56) **Kienberger, S.** (28 Nov 2008): Monitoring vulnerability and providing spatial information. Risk and Africa - Conceptualizing risk in the context of contemporary Africa. International symposium 27-29 November 2008, Bayreuth, Germany.
- 57) **Kienberger, S.** (30 Oct 2008): Integration of participatory practices within the GIS and remote sensing based modelling of vulnerability. 7th African Association of Remote Sensing of the Environment (AARSE) conference, Accra, Ghana
- 58) **Kienberger, S.** (09 Sep 2008): The integration of Land Use/Land Cover data within the modelling of socio-economic vulnerabilities. HMRSC-X, Kathmandu, Nepal
- 59) **Kienberger, S.** (09 Sep 2008): Modelling of snow distribution for European and Asian test areas through MODIS snow cover data. HMRSC-X, Kathmandu, Nepal
- 60) **Kienberger, S.** (29 Aug 2008): Community based vulnerability mapping - Spatial modeling of vulnerability in Central Mozambique. International Conference on Disaster and Risk Davos, Switzerland
- 61) **Kienberger, S.** (02 Jul 2008): Interpolation of daily temperature values for European and Asian test-areas. Geospatial Crossroads @ GI_Forum '08, Salzburg, Austria

- 62) **Kienberger, S.** (15 Apr 2008): Expert-based spatial modelling of socio-economic vulnerability in the Salzach catchment – An approach to derive spatial vulnerability units. European Geosciences Union General Assembly 2008 Vienna, Austria, 13 – 18 April 2008
- 63) **Kienberger, S.** (04 Apr 2008): Socio-economic vulnerability units – modelling meaningful spatial units. GISRUK 2008, Manchester, UK.
- 64) **Kienberger, S.** (06 Sep 2007): Zeitlich hochaufgelöste Modellierung der Temperatur für Asien und Europa auf der Grundlage kostenfreier Stationen. 15. Fachtagung für GIS im Natur- und Umweltschutz. Schneverdingen, NNA.
- 65) **Kienberger, S.** (25 May 2007): Assessing the vulnerability to natural hazards on the provincial/community level in Mozambique: The contribution of GIScience and Remote Sensing. The 3rd International Symposium on Geo-information for Disaster Management, Joint CIG/ISPRS conference, Toronto, Canada, 23 - 25 May 2007
- 66) **Kienberger, S.** (30 Oct 2006): Scaling vulnerability - Through the spatial lense: Contributions of Earth Observation and GIScience. Expert Working Group III on Vulnerability. 30.10.-01.11.2006, Prato, Italy
- 67) **Kienberger, S.** (30 Aug 2006): Tools for Improving Risk Awareness and Effective Disaster Management New Communication Platforms based on Virtual Globes. International Disaster Reduction Conference, IDRC Davos 2006. 27.08.- 01.09.2006, Davos, Switzerland
- 68) **Kienberger, S.** (5 Jul 2006): Low-Cost GIS im Produktiveinsatz: HIVpathis - GIS als Monitoringtool von AIDS-Patienten in Chibabava, Mosambik. AGIT 2005, Salzburg, Österreich
- 69) **Kienberger, S.** (1 Nov 2005): Decentralising GIS: The changing requirements for Geoinformation in Mozambique. AfricaGIS Conference 2005, Beyond Talk: Geo-information working or Africa. 29.08. – 02.09.2005, Tshwane, South Africa
- 70) **Kienberger, S.** (9 Sep 2005): PGIS and disaster risk management: Assessing vulnerability with PGIS methods – Experiences from Buzi, Mozambique. Mapping for Change, Int. Conference on Participatory Spatial Information Management and Communication, PGIS '05, 7.09. – 10.09.2005, Nairobi, Kenya
- 71) **Kienberger, S.** (6 Jul 2005): Anforderungen und Aufgaben von GIS- und Fernerkundungszentren 1990 vs. 2010. Beispiele aus Zimbabwe, Mosambik, Nicaragua. AGIT 2006, Salzburg, Österreich
- 72) **Kienberger, S.** (2 Jun 2005): Vulnerability Assessment and Global Change Monitoring: The Role of Remote Sensing - Potential and Constraints for Decision Support. 31st International Symposium on Remote Sensing for the Environment 2005, 20. – 24.06.2005, St. Petersburg, Russia
- 73) **Kienberger, S.** (25 Feb 2005): The potential of Community Mapping and Community Integrated GIS: A study in the Sofala Province, Mozambique. CORP 2005