

## PERSONAL INFORMATION

**Dr. Hermann Klug**

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🌐 [www.uni-salzburg.at/zgis/klug](http://www.uni-salzburg.at/zgis/klug)

📅 Date of birth 18.05.1975

🇩🇪 Nationality German

👪 Marital status married, two children

## ACADEMIC RECORD

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|-------------------|---|
| since 12/2015     | <b>Associate Professor at the Paris-Lodron University Salzburg</b>  |
| 03/2014 -11/2015  | <b>Assistant Professor at the Paris-Lodron University Salzburg</b><br>University of Salzburg   Interfaculty Department of Geoinformatics - Z_GIS<br>Schillerstr. 30, Building 15, 3 <sup>rd</sup> Floor   Salzburg   Austria  |
|                   | <b>Description of activities</b><br>In the framework of the SMART project: Development of a geoportals for groundwater information in New Zealand. Real time supply of environmental information from wireless sensor networks.   |
| 03/2013 – 08/2013 | <b>Research stay in New Zealand</b><br>Auckland University of Technology   Geoinformatics Research Centre<br>640 Great South Road   Manukau 2025   New Zealand  |
|                   | <b>Description of activities</b><br>In the framework of the SMART project: Development of a geoportals for groundwater information in New Zealand. Real time supply of environmental information from wireless sensor networks.   |
| 10/2001 – 02/2014 | <b>Scientific staff member</b><br>University of Salzburg   Interfaculty Department of Geoinformatics - Z_GIS<br>Schillerstr. 30, Building 15, 3 <sup>rd</sup> Floor, Salzburg, Austria  |
|                   | <b>Description of activities</b><br>Acquisition, coordination and management of (international) third party funded projects in science and education at the interface of Geoinformatics, landscape ecology and remote sensing with special emphasis on hydrological aspects. Education at international universities. |
| 01/2009 – 03/2011 | <b>Scientific staff member</b><br>Austrian Academy of Sciences<br>Dr Ignaz Seipel-Platz 2, 1010 Vienna, Austria   |
|                   | <b>Description of activities</b><br>Acquisition of and collaboration in the NatureSDIplus project.  |
| 05/2001 – 10/2001 | <b>Freelancer</b><br>M&P Geonova GmbH<br>Joachimstraße 1, 30159 Hannover, Germany   |
|                   | <b>Description of activities</b><br>Capturing of hydrologic-pedological parameters in the field. GIS and SDI setup in an old waste and planning bureau.   |

## EDUCATION

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- 08/2006 – 11/2015 **Habilitation in natural sciences (PD Dr. rer. nat)** EQF Level 8  
 Universität Salzburg | Interfaculty Department of Geoinformatics - Z\_GIS  
 Schillerstr. 30, Building 15, 3<sup>rd</sup> Floor, Salzburg, Austria  
**Specialisation**  
 Geography and Geoinformatics
- 10/2001 – 07/2006 **PhD in natural sciences (Dr. rer. nat)** EQF Level 8  
 University of Salzburg | Interfaculty Department of Geoinformatics - Z\_GIS  
 Schillerstr. 30, Building 15, 3<sup>rd</sup> Floor, Salzburg, Austria  
**Specialisation**  
 Geoinformatics and landscape ecology
- 10/1995 – 01/2001 **Diploma in Physical Geography (Dipl. Geogr.)** EQF Level 7  
 University of Hannover | Institute for Physical Geography and Landscape Ecology  
 Schneiderberg 50, 30167 Hannover, Germany  
**Specialisation**  
 Geography and landscape ecology with subsidiary fields in soil sciences, landscape planning and geology

## SKILLS

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- Communication** My German and English language skills contribute to successful acquisition, organisation and realisation of international projects, conferences and workshops on international level.
- Organisation and management skills** Acquisition and organisation of 15+ international summer-/winter schools, 50+ seminars, conferences, and workshops as well as 10+ international (scientific) projects including personnel management on project and work package level. Since 10/2017 president of the Union Mountainbike Club Koppl with +170 members.
- Computer skills** Very good computer skills with respect to Office package and specialised techniques in web-based Geographical Information Systems and remote sensing with proprietary and open source programmes on Windows and Linux platforms.

## ADDITIONAL INFORMATION

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- Memberships**
- since 2014 ICA-OSGeo lab and the Geo for All initiative
  - since 2012 Open Geospatial Consortium (OGC), 2nd Groundwater Interoperability Experiment (GW2IE)
  - since 2012 Long Term Ecosystem Research (LTER) Network
  - since 2011 active in the Mountain Research Initiative (MRI)
  - since 2011 Ecosystem Service Partnership
  - since 2009 Landscape Europe, European Association for Landscape Ecology
  - since 2002 International Association for Landscape Ecology (IALE) and member in the working groups
    - "Landscape Structure"
    - "Geoökologische Kartierung und Leistungsvermögen des Landschaftshaushalts"
    - "Landscape Ecology Education Network" (LE-Net)
  - until 1999 Ju-Jitsu German National Fighting Team
  - since 1992 German/Austrian Alpine Association (DAV/ÖAV)

- Research Projects** Smart Characterisation of New Zealand's Aquifers (SMART, 07/2011 – 06/2017)  
Enhancing ecoSystem sERVICES mApping for poLicy and Decision mAking (ESMERALDA, 02/2015 – 08/2018)  
Capitalising Climate Change Knowledge for Adaptation in the Alpine Space ( C3-Alps, 01/2012 – 12/2014)  
Assessment and strategic development of INSPIRE compliant Geodata-Services for European Soil Data (GS Soil, 06/2009 - 05/2012)  
Management Strategies against Water Scarcity in the Alps ( Alp-Water-Scarce, 10/2008 - 09/2011)  
Twinning European and South Asian River basins to enhance capacity and implement adaptive integrated water resources management approaches (BrahmaTWinn, 06/2006 - 05/2009)
- Fellowships** Member of the above mentioned associations (LTER, IALE, Landscape Europe, MRI, ESP, OSGeo lab, OGC)  
Sabbatical at Auckland University of Technology (AUT, 03/2013 - 08/2013)  
Invitation to the Mountain Research Initiative Synthesis Workshop on Qualities, Vulnerabilities and Management of Ecosystem Services in Mountain Regions Worldwide (2012)  
Invitation to a sandpit in Rotorua, New Zealand (2011)  
Stipend to attend the IALE World Conference and Summer School in Darwin (2003)
- Invited Talks** Invited talks at the University of Hannover (30.04.2015), Carinthia University of applied Sciences /23.04.2015), Invited keynote lecture at the conference on Well-being in the Information Society, Pécs (Hungary, 13.11.2014), Invited keynote lecture at the 14th National Student Conference on Environmental Sciences, Pécs (Hungary, 25.04.2014) University of Timisoara (09.10.2013), Rehai Akademie (13.02.2013), International Atomic Energy Association (IAEA, 12.02.2013), Invited meeting at the Ministry for Environment and the Ministry Ministry of Business, Innovation and Employment in New Zealand (11.12.2012)
- Editorships** Supervision and evaluation of BSc, MSc, and (international) PhD students  
Conference Board member within AGIT, GI\_Forum (Poster session), IALE Europe 2009 (organisation committee)  
Evaluator in National Science Centre, Poland (2016)  
Editor of a special issue in the journal Futures (2010)
- Served as Reviewer** Reviewer in around 100 publications for many international journals related to landscape science, hydrology, geoinformatics  
Board member in the journals Landscape Online and Journal One Ecosystem
- Cooperation partners** Prof. Dr. Szabolcs Czigány, Department of Soil Sciences and Climatology , University of Pécs, Hungary. Email: [sczigany@gamma.ttk.pte.hu](mailto:sczigany@gamma.ttk.pte.hu)  
Prof. Dr. Stoyan Nedkov, Bulgarian Academy of Sciences, National Institute of Geophysics, Geodesy and Geography, Bulgaria. Email: [snedkov@abv.bg](mailto:snedkov@abv.bg)  
Dr. Stewart Cameron, Geological and Nuclear Science Limited (GNS), New Zealand. Email: [S.Cameron@gns.cri.nz](mailto:S.Cameron@gns.cri.nz)  
Prof. Dr. Bethanna Jackson, Victoria University of Wellington, New Zealand. Email: [bethanna.jackson@vuw.ac.nz](mailto:bethanna.jackson@vuw.ac.nz)  
Dr. Michael Mirtl, Environment Agency Austria. Email: [michael.mirtl@umweltbundesamt.at](mailto:michael.mirtl@umweltbundesamt.at)  
Dr. Thomas Weisse, University of Innsbruck, Institut für Limnologie Mondsee, Austria. Email: [thomas.weisse@uibk.ac.at](mailto:thomas.weisse@uibk.ac.at)  
Prof. Dr. Benjamin Burkhard, Institute of Physical Geography and Landscape Ecology, University of Hannover, Germany. Email: [burkhard@phygeo.uni-hannover.de](mailto:burkhard@phygeo.uni-hannover.de)  
Prof. Dr. Lucian Dragut, West University of Timisoara, Romania. Email: [lucian.dragut@fulbrightmail.org](mailto:lucian.dragut@fulbrightmail.org)