



Europass Curriculum Vitae

Personal information

First name / Surname **Thomas Blaschke**
Address University of Salzburg, Department of Geoinformatics, 5020 Salzburg, Austria
E-mail(s) thomas.blaschke@plus.ac.at
Nationality German
Date of birth 03/08/1965
Gender Male

Occupational field **University Professor**

Work experience

Dates 1989 - 1991
position held Research assistant at the Centre for Geoinformatics, University of Salzburg

Dates 1990 - 1991
position held Internship and project work at Nationalpark Kalkalpen (Upper Austria)

Dates 1992 - 1995
position held GIS Manager at the Bavarian Academy for Nature Conservation and Landscape Management

Dates 1994 - 1998
position held Lecturer, Department of Geography, Salzburg University, GIS and remote sensing education within the Geography MSc programme

Dates 1995 - 1998
position held Education Manager of the UNIGIS distance learning program for Germany and Austria, MSc programme co-ordinator for Germany and Austria within the international UNIGIS network.

Dates 1997 - 2001
position held Research manager at ZGIS, Centre for Geoinformatics Salzburg

Dates 1998 - 1999
position held Senior research fellow, Dptm. of Geographical & Environmental Sciences, Manchester M. University

Dates 05/2001 - 06/2001
position held Guest professor at the University of Vechta, Germany

Dates 2001 - 2003
position held Full Professor at the Department of Geography, University of Tübingen

Dates 2003 - 2012
position held Co-director of Z_GIS, Centre for Geoinformatics, University of Salzburg

Dates 2005 - 2015
position held Director researchstudio iSPACE, Austrian Research Studios (until 2007: "Austrian Research Centres Seibersdorf GmbH")

Dates 2006

position held Fulbright Professorship at California State University Long Beach
 Dates Since 2006
 position held Full Professor for Geoinformatics, University of Salzburg
 Dates 09/2012 – 12/2021
 position held Deputy Head of Department, Department of Geoinformatics – Z_GIS, University of Salzburg
 Dates 2014
 position held Visiting Professor, University of South Carolina
 Dates Since 2015
 position held Corresponding member (elected) Austrian Academy of Sciences
 Dates 03/2011 – 08/2021
 position held Director, Doctoral College GIScience
 Dates Since 01/2022
 position held Head of Department, Department of Geoinformatics – Z_GIS, University of Salzburg
 Since 2015 Co-founding of several startups, member of several advisory boards

Education and training

Dates 10/1986 - 01/1992
 Title of qualification awarded MSc in Geography/Geographic Information Systems
 Name and type of organisation providing education and training Salzburg University (Austria)
 Dates 03/1992 - 06/1995
 Title of qualification awarded PhD in Geography / Geographic Information Science
 Name and type of organisation providing education and training Salzburg University in combination with a project contract at the Bavarian Academy for Nature Conservation and Landscape Management (Germany)

Personal skills & competences

Scientific publications >450 publications incl. 17 books as author or (co-)editor, ca. 29,500 citations, see <https://scholar.google.at/citations?user=kMroJzUAAAAJ&hl=de>

Mother tongue(s) **German**

Other language(s)
 European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user

(*) [Common European Framework of Reference \(CEF\) level](#)



10 July 2023

Curriculum vitae of Thomas Blaschke - ANNEXES

Annex 1: Activities outside of the University

- Since 2018 ESA Advisory committee Earth Observation
- Since 2016 Innovation Investment Manager, Research Studio Austria GmbH
- Since 2015 Corresponding Member, Austrian Academy of Sciences (elected)
- Since 2012 Member, Austrian Academy of Sciences, Commission on Geographic Information Science
- 2007-2009 President of the GIS-cluster Salzburg
- Since 2008 Research Studio Austria FG management board
- 2004-2005 Advisor to Salzburg Research
- 2005-2008 ARC Seibersdorf GmbH research studios board
- 1992-1995 GIS Manager, Bavarian Academy for Nature Conservation and Landscape Management
- 1995-1997 GIS-Advisor, Bavarian Academy for Nature Conservation and Landscape Management
- 1991 Internship National Park Administration Kalkalpen, Upper Austria

Annex 2: Scientific awards and grants

- 2021 Journal of Spatial Science – Prize for best research and review paper 2021
- 2021 Mathematics - Best paper Award 2020
- 2019 Jack Dangermond Award – best paper 2017
- 2015 Corresponding member, Austrian Academy of Sciences (*elected*)
- 2015 Remote Sensing Best Paper Award 2011-2015, 2nd price: Blaschke et al. 2011 Collective Sensing: Integrating Geospatial Technologies to Understand Urban Systems—An Overview
- 2014 Provost Research Grant University of South Carolina
- 2013 Best Reviewer Recognition IEEE-Journal Selected Topics in Applied Earth Observation and Remote Sensing
- 2012 MDPI Certificate in Editorial Achievement
- 2009 Digital Landscape Architecture Award for Scientific Excellence
- 2008 Research Champion, Austrian Research Promotion Agency
- 2006 Fulbright Professorship California State University
- 2005 Land Salzburg Research Fellowship
- 2000 European Science Foundation, Young Researcher Fellowship
- 1998 Marie Curie Research Grant European Commission
- 1997 European Science Foundation, Young Researcher Fellowship
- 1995 Scientific award of the Austrian Geographical Society
- 1995 Christian Doppler-Price, biannual scientific award for natural sciences

Annex 3: Memberships and professional services

Functions, ongoing:

CBAS International Research Center of Big Data for Sustainable Development Goals, International Advisory Committee

geoIT.org Association for Geoinformatics, geoIT & Navigation, founding member, **vice-president** since 2016

ISPRS IPAC International Society of Photogrammetry and Remote Sensing, International Policy Advisory Committee

ISPRS International Society of Photogrammetry and Remote Sensing, Intercommission Working Group III/IVb "Remote Sensing Data Quality" (2016-2022 & 2022-2026, **co-chair**)

Functions in the past:

ACEO European Space Agency Advisory Committee for Earth Observation 01/2018 – 12/2021

GfGI Gesellschaft für Geoinformatik (*Society for Geoinformatics*), **vice-president** 2012-2016

IALE Germany, Association of Landscape Ecology, **co-chair** working group "Landscape Structure" (1998-2002)
German Geographical Society Working Group Geography and Nature Conservation (**chair** 1995-1999)
GIS-cluster Salzburg (**president** 2007-2009)
SCGIS International Society for Conservation GIS D.A.CH Germany, Austria, Switzerland (**president** 1995-98)
ISPRS International Society of Photogrammetry and Remote Sensing, Working Group II/2 Software and Modeling Aspects for Integrated GIS (2012-2016)
ISPRS International Society of Photogrammetry and Remote Sensing, Intercommission Working Group IV/III.2 "Integration of Image Analysis and GIS" (2012-2016)
UNIGIS MSc advisory board (1995-2001)

Memberships and active working group participation

ASPRS American Society of Photogrammetry and Remote Sensing, 1991-1996 & 2006 -2019
CaGIS Cartography and Geographic Information Society
DGPF German Society for Photogrammetry and Remote Sensing
IALE international, International Association of Landscape Ecology 1998 - 2021
NATO CCMS working group „Landscape Research“ (national expert) 1998-2002
AGILE Association of GIS Laboratories in Europe
Austrian Environmental Research Network (2002-2005)
INTECOL International Association for Ecology
ISEIS International Society for Environmental Information Sciences

Annex 4: Editor of journals

AGIT Journal für Angewandte Geoinformatik (editor-in-chief)
Science of Remote Sensing (Elsevier, associate editor)

Annex 5: Editorial boards

Cartography and Geographic Information Science
Ecological Indicators
GIScience & Remote Sensing
Landscape Online
International Journal of Image and Data Fusion
International Journal of Digital Earth
ISPRS International Journal of Geo-Information
ISPRS Journal of Photogrammetry & Remote Sensing
Remote Sensing Applications: Society and Environment
Journal of Digital Landscape Architecture
Urban Science

Annex 6: Reviewer for international journals

60+ Journals, approximately 430 reviews

Annex 7: summary of presentations and invited talks (*since 2011 only*)

Overall, about 400 scientific presentations and public talks, of which about 99 were invited or keynote presentations

Keynote presentations from 2011 onward:

Blaschke, T., „Sustainable Landscapes“, Conference Digital Landscape Architecture, 27 May 2011, Aschersleben, Germany.

Blaschke, T., "Landscape Ecology, GIS and Remote Sensing: what is the common denominator?" 29 June 2011, University of Salzburg, Salzburg, Austria.

Blaschke, T., "Erneuerbare Energien brauchen Raum: Die Vision einer Energieregion Weser-Ems", DDGI Forum, 12 April 2011, Berlin, Germany.

Blaschke, T., „Erneuerbare Energien - Raum und Zeit“: GeoForum MV, 16 April 2012, Rostock.

Blaschke, T., "GE/OBIA – crossing boundaries by creating borders." Opening Keynote talk, GEOBIA 2012, 08 May 2012, Rio de Janeiro, Brazil.

Blaschke, T., "GEOBIA and GIScience: Geographic object based multi-scale analysis: Developing a methodological framework for GIScience." Opening keynote, Workshop at the GIScience conference, 18 Sept. 2012, Columbus, Ohio.

Blaschke, T., "Young Researchers' Forum: rationale and concept": Young Researcher Forum GIScience 2012, 02 July 2012, Salzburg, Austria.

Blaschke, T., Object Based (Image) Analysis: Integration von Fernerkundung und GIS in einer Objektwelt 26 September 2013 Tübingen.

Blaschke, T., „Geoinformatik-Anwendungen im Alpenraum: Von GIScience Grundlagenforschung über Anwendungsprojekte zu Lösungen“. 05 December, Ahorn 2013 Konferenz Ramsau bei Berchtesgaden.

Blaschke, T., "Object Based Image Analysis: some reflections from the scientific community". 21 May 2014, Thessaloniki, Greece, Opening Ceremony GEOBIA 2014 panel contribution.

Blaschke, T., "What a good PhD programme needs – Requirements, Best Practices & examples from Univ. of Salzburg, Geographic Information Science". 20 November 2015, Bamberg, Germany, GISCO PhD school

Blaschke, T., "Smart Cities and quality of life: GIS and remote sensing to intervening instead of mapping and monitoring". 26 January 2016, Dubai, Middle East Geospatial Forum 2016 / GRASF 2016.

Blaschke, T., "Big Earth data: buzzword or new paradigm?" 06 March 2017, Dubai, GRASF 2017.

Blaschke, T., "Object Based Image Analysis: integrating GIS and remote sensing for environmental studies". SilkGIS conference, Isfahan, Iran, 24 May 2017.

Blaschke, T., "The Geo-Citizen participation framework: 15 years research, 3 years implementation – now serving societies worldwide". Modern Methods and Tools for Public Participation in Urban Planning 2017, Poznan, Poland, 22 June 2017.

Blaschke, T., "Object Based Image Analysis: catalysing data integration." International Workshop on Image and Data Fusion 2017, Wuhan, China, 22 September 2017.

Blaschke, T., "GIS: von Systemen zu integrierten Geoinformatik-Lösungen und ,location based services'". Workshop Computer Science Research Meets Business, 23 November, Bozen, Italy.

Blaschke, T., "Smart knowledge based remote sensing analysis." GSKI 2017, Chiang May, Thailand, 09 December 2017.

Blaschke, T., "From Pixels to Objects to" Keynote talk, GEOBIA 2018, 21 June 2018, Montpellier, France.

Blaschke, T., "Geographic Information Science (GIScience) and Geoinformatics: Two sides of a coin or two separate coins? The Z_GIS experience". 25 Oct. 2018, GIScience Symposium, Salzburg, Austria.

Blaschke, T., "Space 4.0' and Big Earth data: towards integrated Earth Observation Science". 15 March 2019, ESA-ESRIN, Frascati, Italy.

Blaschke, T., „Towards an integrated Earth Observation Science in a Big Earth data era“. International Conference on Geomatics in the Big Data era", 22.11. 2019, Guilin, China.

Blaschke, T.: 'Digital Earth' pathways to support the UN sustainable development goals, targets and indicators. 01 June 2020 GISCA2020, Tashkent, Uzbekistan (*online*).

Blaschke, T.: " 'New space': the silent revolution". 06 July 2021 Int. Symposium on Digital Earth ISDE12, Salzburg, Austria.

Blaschke, T., "Digital Earth: From a concept to high precision digital twins of the Earth" GSKI 2021, Nanjing, China, 17 December 2021.

Blaschke, T., "Coupling deep learning, knowledge-based and spatial concepts for the analysis and classification of Earth Observation images. FEDCIS 2022, 17th Conf. on Comp. Science and Intel. Systems. Sofia, Bulgaria, 4-7 Sept. 2022.

Invited talks from 2010 onward:

Blaschke, T., "GIScience and Geoinformatics: An integrated approach in Salzburg, Austria". GI research conference, 12 Jan. 2010, Biloxi, Mississippi.

Blaschke, T., "Geoinformatik für Erneuerbare Energien: Forschungsfragen und Anwendungen", Geoinformatik Anwendungsforum, 21 Oct. 2010, Heidelberg, Germany.

Blaschke, T., "Geoinformatics for smart city applications", National Chen Kung University, 19 Nov. 2010, Tainan, Taiwan.

Blaschke, T., „Geoinformatik und GIScience in allen Stufen des Bologna-Systems – eine Bilanz an der Universität Salzburg“. DGPF Jahrestagung, 15 April 2011, Mainz, Germany.

Blaschke, T., "Google Earth & Co: Was steckt dahinter?", Tag der offenen Tür Universität Salzburg, 04 May 2011, Salzburg, Austria.

Blaschke, T., "Doctoral college Geographic Information Science: Integrating interdisciplinary concepts and methods". Conference Spatial Thinking and Geographic Information Sciences, 15 Sept. 2011, Tokyo, Japan.

Strobl, J. and Blaschke, T.: "GIScience research @ Salzburg". GIScience colloquium, 05 October 2011, Salzburg, Austria.

Blaschke, T. and Mittlböck, M.: Developing solutions for spatial decision support systems, Workshop MOSPIS, 27 Oct. 2011, Alcalá, Spain.

Blaschke, T., "Galileo basierte Echtzeitunterstützung für Sicherheits- und Rettungskräfte", Konferenz "GATE opening", 04 Feb. 2012, Berchtesgaden, Germany.

Blaschke, T., "Geographic Information Science: Eine Chance für die Geographie?", 11 Jan. 2012, University of Vienna, Austria.

Blaschke, T., "Sustainable Energy": spatio-temporal modelling & monitoring of energy demand and supply. 03 Jan. 2012, Muscat, Oman.

Blaschke, T., "Object Based Image Analysis: Integrating GIS and Earth Observation for environmental applications". 12 February 2013, University of Queensland, Brisbane, Australia.

Blaschke, T., "Sustainable Energy – Smart Energy: spatio-temporal modelling & monitoring of energy demand and supply". 13 February 2013, Queensland University Technology, Brisbane, Australia.

Blaschke, T., "Object Based (Image) Analysis: Integrating GIS and Earth Observation". 28 February 2013, University of Tasmania, Hobart, Australia.

Blaschke, T., "GEOBIA – A practical perspective". 13 March 2013, invited talk for ASPRS Student chapter, San Diego, USA.

Blaschke, T., "From GEOBIA to GEOBA? Object Based (Image) Analysis for Integrating GIS and Earth Observation". 22 March 2013, San Diego State University, San Diego, USA.

Blaschke, T., "What a good PhD programme needs – Requirements, Best Practices and examples from University of Salzburg, Geographic Information Science", 01 October 2013, Prien, Germany.

Blaschke, T., "Towards the full integration of GIS and Remote Sensing", 11 November University of North Carolina Charlotte, USA.

Blaschke, T., "Geographic Object Based (Image) Analysis for Integrating GIS and Earth Observation". 14 November 2013, University of South Carolina, Columbia, USA.

Blaschke, T., "Geographic Information Science as a multi-paradigmatic research field integrating GIS and Remote Sensing". 24 June 2014, University of Münster, Germany.

Blaschke, T., "Object Based Image Analysis for Integrating GIS and Earth Observation". 16 July 2014, DLR Oberpfaffenhofen, Germany.

Blaschke, T., "A conceptual framework for Geographic Object Based Image Analysis". Invited Lecture, 17 November 2014, University of South Carolina, Columbia, USA.

Blaschke, T., "Concepts of Object Based Image Analysis for Integrating GIS and Earth Observation". 20 November 2014, University of South Carolina, Columbia, USA.

Blaschke, T., "Object Based (Image) Analysis: Integrating GIS and remote sensing for landscape research and environmental studies", Invited Talk, 13 March 2015, University of Szeged, Hungary.

Blaschke, T., "Integrating GIS and remote sensing for Environmental Research. Concepts and applications". Star Mentor lecture sponsored by the Chinese Ministry for Science and Education, Chinese University of Geosciences Beijing, 23 April 2015, Beijing, China.

Blaschke, T., "Object Based (Image) Analysis: An integrating Geoinformatics approach for environmental applications". Chinese Academy of Sciences, 24 April 2015, Beijing, China.

Blaschke, T., "Object Based (Image) Analysis: Integrating Geoinformatics for environmental research", 24 April 2015, Chinese Academy of Surveying and Mapping, Beijing, China.

Blaschke, T., "GeoIT: beyond GIS. 04 November 2016, WhereCamp 2016, Berlin.

Blaschke, T., „Wie GPS unser Leben verändern kann“. 20 March 2017, Robert-Jungk-Bibliothek für Zukunftsfragen, Salzburg, Austria.

Blaschke, T., „Visionen und Strategien der Universitäten: Die Doctoral School PLUS der Universität Salzburg“. Wie entwickelt sich das Doktorat in Österreich weiter? 9.6.2017, Universität Wien, Austria.

Blaschke, T. & K. Atzmanstorfer, „The Geo-Citizen participation framework: 15 years research, 3 years implementation – now serving societies worldwide“. Modern Methods and Tools for Public Participation in Urban Planning, 23 June 2017, Poznan, Poland.

Blaschke, T., "Object Based Image Analysis: trends and recent developments for remote sensing applications". Peking University, 17 September 2017, Beijing, China.

Blaschke, T., "Object Based Image Analysis as a concept for 'big Earth data'." Chinese University of Geosciences Beijing, 18 September 2017, Beijing, China.

Blaschke, T., "Remote Sensing in the context of global geospatial information: technological developments and prospects". Chinese Academy of Surveying and Mapping, 18 September 2017, Beijing, China.

Blaschke, T., "Big Earth Data: disruptive changes in information storage and analysis". High-level workshop on Big Earth Data 2017, 12 December 2017, Sanya, Hainan, China.

Blaschke, T., "GIS: von Systemen zu integrierten Geoinformatik-Lösungen und 'location based services', 23 November 2017, Bozen, Italy.

Blaschke, T., "Earth Observation Science in a Big Earth data era: Challenges and opportunities". 15 May 2019, Utrecht University, NL.

Blaschke, T., "Object-Based Image Analysis: integrating GIS and remote sensing for environmental studies". 16 August 2019, Riga, Latvia.

Blaschke, T. "Beyond Google Maps: „spatial turn“ in den Wissenschaften und „location based services“ im Alltag". Wissenskulturen, Interdisziplinäre Tagung, Stile, Methoden und Vermittlung von Wissenschaft. Zentrum Theologie Interkulturell und Studium der Religionen Universität Salzburg, 25 Oct. 2019, Salzburg, Austria.

Blaschke, T. "Geoinformatics and Earth Observation: Digital Earth for a sustainable society". Sun-Yat-sen University, Guangzhou, China, 18 November 2019.

Blaschke, T. "Can the vision of a 'Digital Earth' support pathways for sustainable societies?" University of Copenhagen, 17 January 2020.

Blaschke, T. "From the concept of Digital Earth to Digital Twin Earth". Sun-Yat-sen University, Guangzhou, China, 26 November 2020 (online).

Blaschke, T. "From the Digital Earth vision to high precision Digital Twins of the Earth" IEEE lecture online series, 04 March 2021.

Blaschke, T. "Earth Observation Science in a Big Earth data era: Challenges and opportunities for scientists and end users", CloudFerro Symposium online, 22 June 2021.

Blaschke, T. "Urban remote sensing: status and prospects", Sun-Yat-sen University, Guangzhou, China, 07 July 2022 (online).

Blaschke, T. "Investing in 'SPACE' – an introduction, focus Europe. AAIA / WKO space entrepreneurship, Vienna, Austria, 23 March 2023.

Blaschke, T. "New Space, new Earth Observation Agendas", GISCA workshop, Almaty, Kazakhstan, 29 May 2023.

Annex 8: Main supervisor, University of Salzburg (*PhD level only*)

- 2022 Sepideh Tavakkoli:** Data fusion scenarios to trustworthy spatial modelling of natural hazards
- Mona Bartling:** The impact of map use context on the design of mobile maps
- 2021 Sansar Raj Meena:** Rapid generation of event-based landslide inventory and susceptibility assessment using state of the art approaches
- Omid Ghorbanzadeh:** Evaluation of knowledge-based and machine learning models for Earth Observation and Geoinformatics applications
- Daniel Hölbling:** Object-based image analysis for integrated landslide mapping
- Thimmaiah Gudiyangada Nachappa:** Geoinformatics methods for multi-hazards susceptibility mapping and assessment

- Lixia Chu:** Assessing the influence of human activities on terrestrial environmental variables using big Earth observation data
- 2020 Anna Kovács-Győri:** Defining and assessing urban livability - A GIScience perspective
- 2019 Emmanuel Papadakis:** Bridging place and space in GIScience. Formalization and integration of place in Geographic Information Systems
- Arthur Lehner:** Remote Sensing Derived Building Structure and Parameters for Urban Planning Applications
- 2018 Isabel Georg:** A multi-source Geodata approach to spatially delimit urban corridors – Unified concept and global analysis
- Gyula Kothencz:** Data and information development methodologies for green urban area optimisation
- 2017 Johannes Kapser:** Modeling of thermal lifts: Techniques for mining thermal eddies from aerial movement Data
- Chunzhu Wei:** Multi-scale spatial analysis methods from neighborhood to megacity
- Pablo Cabrera Barona:** A multidisciplinary spatial framework for health inequalities analysis with emphasis on deprivation and healthcare accessibility
- 2016 Ivan Tomljenović:** Transferable and Robust Building Extraction from Airborne Laser Scanning Data Using Object-Based Image Analysis Paradigm
- 2015 Diana Maria Contreras:** Spatial indicators of recovery after earthquakes
- Eva Haslauer:** GIS-based Backcasting: An innovative method for parameterization of sustainable spatial Planning and resource management
- 2014 Michael Hagenlocher:** Integrated spatial indicators for modeling, exploring and visualizing vulnerability to vector-borne diseases
- Sebastian d'Oleire-Oltmanns:** Monitoring soil erosion in the Souss Basin, Morocco, with a multiscale object-based remote sensing approach using UAV and satellite data
- Bakhtiar Feizizadeh:** Uncertainty, sensitivity and fuzzy sets in GIS Multi Criteria Decision Analysis
- Ingrid Scharding:** Räumliche Modellierung und Optimierung regionaler Energiesysteme
- 2013 Clemens Eisank:** An object-based workflow for integrating spatial scale and semantics to derive landforms from Digital Elevation Models
- 2012 Günther Sagl:** Spatio-temporal analyses of environmental and social in situ sensor data
- Lubna Rafiq:** Earth observation for disaster risk reduction in Pakistan.
- 2011 Dulal Roy:** Flood risk and vulnerability assessment and mitigation plans for Bangladesh - A GIS based approach.
- Alam Khan:** Remote sensing of aerosol characteristics and radiative forcing in Pakistan.
- John Richard Otukey:** Monitoring animal preserves with Radar remote sensing data. A case study of Bwindi Impenetrable National, Uganda.
- 2010 Stefan Kienberger:** Spatial vulnerability assessment: methodology for the community and district level applied to floods in Búzi, Mozambique.
- Dirk Tiede:** Bridging remote sensing and GIS – from rapid information extraction to 3D GIS visualisation.
- 2009 Andreas Lermann:** Military utilization of satellite navigation for European Armed Forces.
- 2006 Hermann Klug:** Holistic landscape planning using a transdisciplinary German speaking Leitbild methodology.
- 2005 Stefan Lang:** Image objects and landscape objects. Interpretation, hierarchical representation and significance.
- Tobias Langanke:** Monitoring strategies for European nature conservation. Object based image processing and structural analysis.

Annex 9: Second Supervisor (University of Salzburg) & external Supervisor (PhD level only)

- 2016 Lei MA, Nanjing University:** Geographic object-based image analysis (GEOBIA) research using high resolution images
- 2015 Günther Prasicek, University of Salzburg:** Quantitative morphometric analysis of geomorphic process domains using regional data sets – creating a digital geomorphological map of the European Alps
- 2014 Menglong YAN, Peking University:** An Object Based Image Analysis workflow for airborne LiDAR data
- 2013 Chandhi Witharana, University of Connecticut; USA:** Advanced Earth Observation for Humanitarian Crises Management.

- 2011 Chanida Suwanprasit, University of Salzburg, Austria:** Comparison of narrowband and broadband data for estimating biomass and carbon stock in Khoa Yai National Park, Thailand.
- 2010 Holger Thunemann, University of Salzburg, Austria:** Knowledge Based Search of Internet Based Geodata for Country-GIS Applications.
- 2010 Mary Kampouraki, Crainfield University, UK:** Soil sealing analysis from Remote Sensing data
- 2009 Bend Resch, University of Salzburg, Austria:** Live Geography - Standardised Geo-sensor Networks for Real-time Monitoring in Urban Environments.
- 2009 Prashant Marpu, Freiberg University of Mining and Technology, Germany:** Geographic Object-based Image analysis.
Sebastian Hoehstetter, TU Dresden, Germany: Die dritte Dimension in der Landschaftsökologie – Neue Methoden zur Erfassung der Landschaftsstruktur unter besonderer Berücksichtigung von Relief und ökologischen Gradienten.
- 2007 Monika Gähler, Universität Osnabrück, Germany:** Biotoypenerfassung auf Basis höchst auflösender Fernerkundungsdaten.
- 2006 Rüdiger Jooß, Universität Stuttgart, Germany:** Schutzverantwortung von Gemeinden für Zielarten in Baden-Württemberg. Empirische Analyse und naturschutzfachliche Diskussion einer Methode zur Auswahl von Vorranggebieten für den Artenschutz aus landesweiter Sicht.
- 2005 Elisabeth Schöpfer, University of Salzburg, Austria:** Change detection in multitemporal remote sensing images utilizing object-based image analysis.
- 2003 Claude Hansen, Universität Innsbruck, Austria:** The relationship of Geographic Information Science (GIS), remote sensing and image processing to limnological tasks: - scientific proving and practical applications.
- 2002 Dieter Lehmann, Universität Vechta, Germany:** Räumliche Modellierung ausgewählter landschaftsökologischer Faktoren mit Hilfe Geographischer Informationssysteme und konnektionistischen Methoden unter Berücksichtigung räumlicher Fuzzy-Toleranzen.

Annex 10: Ongoing PhD supervisions

Karl Atzmanstorfer: Community-based spatial planning with social geoweb platforms

Helena Merschorf: Quality of life: a mixed-methods approach to place-based GIS

Christoph Erlacher: Spatial Uncertainty and Sensitivity Analysis in Landscape Assessment

Annex 11: Organisation and leadership of events [142]

GIS in Nature Conservation Conference, July 1996, Salzburg, Austria (*symposium director*)

Expert Workshop 100 Year long Monitoring program Nationalpark Hohe Tauern: The role of Remote Sensing, 1996 in Salzburg (*workshop co-organizer*)

ANL Workshop Monitoring and Modelling, June 1997, Erding, Germany (*workshop co-organizer*)

Workshop on Implementation of a Geographic Information System for Sustainable Development and Regional Planning in Mozambique, Feb. 1998, Beira, Mozambique (*workshop co-organizer*)

Workshop Environmental Monitoring and Environmental Modelling: Tools for a Sustainable Development, July 1998, Salzburg Austria (*workshop organizer*)

Workshop GIS and Remote Sensing in Environmental Conservation, October 1998, Schneverdingen, Germany (*workshop co-organizer*)

EU Expert Workshop, Research and Monitoring - European Strategies, October 1998, Bled, Slovenia (*national expert*)

Society of Conservation GIS - European Division, Founding Meeting, 03 July 1999, Salzburg, Austria (*organizer*)

AGIT'99: 11th Symposium on Geographical Information Processing, July 1999, Salzburg, Austria (*symposium co-director*)

Workshop GIS in Nature Conservation, October 1999, Schneverdingen, Germany (*workshop co-organizer*)

IALE-Germany Working Group Landscape Structure Workshop, November 1999, Dresden, Germany (*co-chair*)

AGIT 2000 12th Symposium on Geographical Information Processing, July 2000, Salzburg (*symposium co-director*)

FE/GIS'2001: *Remote Sensing: New sensors – innovative methods*, July 2001, Salzburg, Austria (**conference chair**)

Technical Workshop on Indicators for European Nature Conservation, 20/21 Sept. 2001, Paris, France (**workshop co-organizer**)

AGIT'2001 13th Symposium on Geographical Information Processing, July 2001, Salzburg, Austria (**symposium co-director**)

AGIT'2002 14th Symposium on Geographical Information Processing, July 2002, Salzburg, Austria (**symposium co-director**)

IALE-Germany Workshop on landscape structure, 16/17 April 2003, Salzburg, Austria (**workshop co-organizer**)

SPIE Int. Society of Optical Engineering, Remote Sensing Conference 17-21 Sept. 2003, Barcelona, Spain (**scientific committee**)

AGIT 2003 15th Symposium on Geographical Information Processing, July 2003, Salzburg, Austria (**symposium co-director**)

Workshop Habitat Modelling 08-10 October 2003 Leipzig, Germany (**workshop co-organizer**)

IALE-Germany Workshop on landscape structure and population ecology, March 2004, Stuttgart, Germany (**workshop co-organizer**)

AGIT 2004 16th Symposium on Applied Geoinformatics, July 2004, Salzburg, Austria (**symposium co-director**)

SPIE International Society of Optical Engineering, Remote Sensing Conference 13-17 September 2004, Maspalomas, Spain (**scientific committee**)

United Nations International Workshop on the Use of Space Technology for Disaster Management 18 – 22 October 2004, Munich, Germany (**scientific committee**)

UNIGIS Update conference, 21-23.March 2005 Salzburg, Austria (**scientific board**)

XII Brazilian Remote Sensing Symposium, June 2005, Goiania, Brazil (**workshop organizer**)

AGIT 2005 17th Symposium on Applied Geoinformatics, July 2005, Salzburg, Austria (**symposium co-director**)

GMOSS International Summer School, 11-18 September 2005, Salzburg, Austria (**co-organizer**)

SPIE Remote Sensing for Environmental Monitoring, GIS Applications, and Geology 19-22 Sept. 2005, Brugge, Belgium (**scientific committee**)

Innovative methods in Remote Sensing, San Jose dos Campos, Brazil, 05-09 December 2005 (**workshop instructor**)

1st International Conference on Object based Image Analysis, 03/04 July 2006, Salzburg, Austria (**symposium director**)

AGIT 2006 18th Symposium on Applied Geoinformatics, July 2006, Salzburg, Austria (**symposium co-director**)

International Society of Optical Engineering, Remote Sensing Conference 11-14 September 2006, Stockholm, Sweden (**scientific committee**)

AGIT 2007 19th Symposium on Applied Geoinformatics, July 2007, Salzburg, Austria (**symposium co-director**).

International Society of Optical Engineering, Remote Sensing Conference 17-21 September 2007, Florence, Italy (**scientific committee**)

Energy and Spatial planning – expert workshop, 16 April 2008, Vienna, Austria (**workshop moderator**)

AGIT 2008 20th Symposium on Applied Geoinformatics, July 2008, Salzburg, Austria (**symposium co-director**)

GEO_M.E.S 2008: Geospatial Management of Emergency Situations, July 2008, Salzburg, Austria (**co-organizer**)

IEEE Intern. Geoscience and Remote Sensing Symposium, September 2008, Boston, USA (**scientific committee**)

GEOBIA 2008: Pixels, Objects, Intelligence: Geographic Object Based Image Analysis for the 21st Century, August 2008, Calgary, Canada (**symposium co-director**)

Digital Landscape Architecture 2009, 21-23 May 2009, Gozo, Malta (**scientific committee**)

IEEE 2009 International Geoscience and Remote Sensing Symposium, July 2009, Cape Town, South Africa (**Scientific Committee**)

Utility Insight 2009 – workshop 09 July 2009 Salzburg, Austria (**workshop co-organizer**)

AGIT 2009 21st Symposium on Applied Geoinformatics, July 2009, Salzburg, Austria (**symposium co-director**)

SPIE Remote Sensing for Environmental Monitoring and GIS Applications, 31 Aug – 03 Sept. 2009, Berlin, Germany (**Scientific Committee**)

IALE Europe 2009 conference, 12-16 July, Salzburg, Austria (**scientific committee**)

Workshop on biomass modeling with Remote Sensing and GIS, 29 Sept. – 30 October 2009, Kampala, Uganda (**workshop organizer**)

Conference on Digital Landscape Architecture, 26-28 May 2010, Aschersleben, Germany (**scientific committee**)

GEOBIA 2010 conference, 29 June – 02 July, Ghent, Belgium (**scientific committee**)

Utility Insight 2010 workshop, 08 July 2010, Salzburg, Austria (**workshop co-organizer**)

IEEE 2010 Intern. Geoscience and Remote Sensing Symposium, 25-29 July 2010, Honolulu, Hawaii (**scientific committee**)

AGIT 2010 22nd Symposium on Applied Geoinformatics, July 2010, Salzburg, Austria (**symposium co-director**)

SPIE Earth Resources and Environmental Remote Sensing/GIS Applications 20-23 Sept. 2010, Toulouse, France (**scientific committee**).

EnviroInfo 2010, 06-08 October, Cologne, Germany (**scientific committee**)

Digital Landscape Architecture 2011, 15-17 June 2011, Dessau, Germany (**scientific committee**)

Geoinformatics – Geochange 2011, 26-28 May 2011, Münster, Germany (**scientific committee**)

Bayerisch-Salzbürger Blitzschutztag, 20 June 2011 (**workshop moderator**)

AGIT 2011 23rd Symposium on Applied Geoinformatics, July 2011, Salzburg, Austria (**symposium co-director**)

Utility Insight 2011 workshop, 07 July 2011, Salzburg, Austria (**workshop co-organizer**)

Advances in Geomatics Research Conference, 03-05 August 2011, Kampala, Uganda (**scientific committee**)

IGARSS 2011 IEEE Intern. Geoscience and Remote Sensing Symposium, 01-05 August 2011 Vancouver, Canada (**scientific committee**)

SPIE Europe: Earth Resources and Environmental Remote Sensing/GIS Applications, 19 - 22 September 2011, Prague, Czech Republic (**scientific committee**)

Geoinformatics 2012, 28-30 March 2012, Braunschweig, Germany (**scientific committee**)

AGILE 2012, 25-27 April 2012, Avignon, France (**scientific committee**)

GEOBIA 2012, 07-09 May 2012, Rio de Janeiro, Brazil (**scientific committee**)

Geodesign 2012, 15-17 June 2012, Dessau, Germany (**scientific committee**)

EORSA 2012, Second International Workshop on Earth Observation and Remote Sensing Applications, June 8-11, 2012, Shanghai, China (**scientific committee**)

AGIT 2012 24th Symposium on Applied Geoinformatics, July 2012, Salzburg, Austria (**symposium co-director**)

Young Researcher Forum 2012, 02/03 July 2012, Salzburg, Austria (**programme committee chair**)

IGARSS 2012 IEEE Intern. Geoscience and Remote Sensing Symposium, 25-29 July 2012 Munich, Germany (**scientific committee**)

Workshop on Geographic object based multi-scale analysis - developing a methodological framework for GIScience, 18 September 2012, Columbus, Ohio, US (**workshop chair**)

SPIE Earth Resources and Environmental Remote Sensing/GIS Applications, 21 - 24 September 2012, Edinburgh, UK (**scientific committee**)

ESSA 2012 – 8th Conf. European Social Simulation Association, 21 - 24 September 2012, Salzburg, Austria (**scientific committee**)

ICIAfS 2012 International Conference on Information and Automation for Sustainability, 27-29 Sept 2012, Beijing, China (**scientific committee**)

WorldCIST'13 - 2013 World Conference on Information Systems and Technologies, 27-30 March 2013, Olhão, Portugal (**scientific committee**)

Geoinformatics 2013, 13-15 March 2013, Heidelberg, Germany (**scientific committee**)

AGILE 2013, 14-17 May 2013, Leuven, Belgium (**scientific committee**)

Geodesign 2013, 03-05 June 2013, Dessau, Germany (**scientific committee**)

AGIT 2013, 25th Symposium on Applied Geoinformatics, 03-05 July 2013, Salzburg, Austria (**symposium co-director**)

DK GIScience Symposium 20/21 Sept. 2013, Salzburg (**symposium chair**)

SPIE Earth Resources and Environmental Remote Sensing/GIS Applications, 23 - 26 September 2013, Dresden (**scientific committee**)

GLP 2014 – Global Land Program conference, Berlin, 19-21 March, session “Backcasting future land uses for sustainable development” (**session convener together with Adrienne Gret-Regamey**)

GEOBIA 2014, 21-23 May 2014, Thessaloniki, Greece (**scientific committee**)

AGILE 2014, 03-06 June 2014, Castellon, Spain (**scientific committee**)

EORSA 2014, Third International Workshop on Earth Observation and Remote Sensing Applications, June 11-14 2014, Changsha, China (**scientific committee**)

AGIT 2014, 26th Symposium on Applied Geoinformatics, 02-04 July 2014, Salzburg, Austria (**symposium co-director**)

IGARSS 2014 IEEE Intern. Geoscience and Remote Sensing Symposium, 13-18 July 2014 Quebec, Canada (**scientific committee**)

SPIE Earth Resources and Environmental Remote Sensing/GIS Applications, 22 - 25 September 2014, Amsterdam (**scientific committee**).

AutoCarto 2014 Symposium, 06-08 October 2014 Pittsburgh, USA (**scientific committee**)

AGILE 2015, 09-12 June 2015, Lisbon, Portugal (**scientific committee**)

Digital Landscape Architecture 2015, 03-05 June 2015, Dessau, Germany (**scientific committee**)

AGIT 2015, 27th Symposium on Applied Geoinformatics, 08-10 July 2015, Salzburg, Austria (**symposium co-director**)

1st International Electronic Conference on Remote Sensing, 22 June – 05 July 2015 (**scientific committee**)

SPIE Earth Resources and Environmental Remote Sensing/GIS Applications, 21 - 24 September 2015, Toulouse (**scientific committee**)

GISCO Geo-Information Science Colloquium, 19-21 November 2015, Bamberg, Germany (**co-organizer**)

GIS and Remote Sensing Annual Scientific Forum GRASF 2016, 25-27 January, Dubai (**scientific committee**)

Digital Landscape Architecture 2016, 25-27 May 2016, Istanbul, Turkey (**scientific committee**)

EORSA 2016, Fourth International Workshop on Earth Observation and Remote Sensing Applications, July 04-06 2016, Guangzhou, China (**scientific committee**)

EARSEL Symposium 20-24 June, Bonn, Germany (**scientific committee**)

AGIT 2016, 28th Symposium on Applied Geoinformatics, 06-08 July 2016, Salzburg, Austria (**symposium co-director**)

IGARSS 2016 IEEE Intern. Geoscience and Remote Sensing Symposium, 10-15 July 2016 Beijing, China (**scientific committee**)

ISPRS Congress 2016 Prague, CZ, 12-16 July 2016. Thematic Session: The quest for objects – does Geographic Object-based Image Analysis meet society’s needs? (**session convener**)

GEOBIA 2016, 14-16 September 2016, Enschede, NL (**scientific committee**)

Winter school „Managing big Data, Quality and Uncertainty in GIScience”, 01-04 Feb. 2017, Lake Wolfgang, Austria (**organizer & scientific director**)

JURSE Joint Urban Remote Sensing 2017. 06-08 March 2017 Dubai (**scientific committee, session convener**)

AGILE 2017, 09-12 May 2015, Wageningen, NL (**scientific committee**)

AGIT 2017, 29th Symposium on Applied Geoinformatics, 05-07 July 2017, Salzburg, Austria (**symposium co-director**)

SPIE Earth Resources and Environmental Remote Sensing/GIS Applications, 11 - 14 September 2017, Warsaw (**scientific committee**)

ISPRS Commission IV Int. Workshop on Image and Data Fusion, 21/22 Sept. 2017, Beijing, China (**co-chair**)

GISCO Geo-Information Science Colloquium, 01 December 2017, Berlin, Germany (**co-organizer**)

4th International Conference on Geographical Information Systems Theory, Applications and Management” - GISTAM 2018, 17-19 March 2018, Funchal, Portugal (**scientific committee**)

GEOProcessing 2018, 10th International Conference on Advanced Geographic Information Systems, Applications, and Services, March 25-29, 2018, Rome, Italy (**scientific committee**)

ISPRS Technical Comm. III Symposium Developments, Technologies and Applications in Remote Sensing. Beijing, China, 07-10 May 2018 (*scientific committee*)

AGILE 2018, 12-15 June 2018, Lund, Sweden (*scientific committee*)

GEOBIA 2018, 18-22 June 2018, Montpellier, France (*scientific committee*)

AGIT 2018, 30th Symposium on Applied Geoinformatics, 04-06 July 2018, Salzburg, Austria (*symposium co-director*)

ISPRS Technical Comm. IV Symposium 3D Spatial Information Science - The Engine of Change. Delft, NL, 01-05 Oct. 2018 (*scientific committee*)

GSKI2018: 6th Annual 2018 International Conference on Geo-Spatial Knowledge and Intelligence. October 26-28, 2018, Beijing, China (*honorary chair*)

Workshop on Platial Analysis PLATIAL'18, 20/21 Sept. 2018, Heidelberg, Germany (*scientific committee*)

30 years Geoinformatics Salzburg: the spatial turn. Scientific Symposium 25 October 2018, Salzburg (*symposium chair*)

GEOProcessing 2019, 11th International Conference on Advanced Geographic Information Systems, Applications, and Services, Feb. 24-28, 2018, Athens, Greece (*scientific committee*)

5th International Conference on Geographical Information Systems Theory, Applications and Management" - GISTAM 2019, May 2019, Heraklion, Greece (*scientific committee*)

JURSE Joint Urban Remote Sensing Event 2019. 22-24 May 2019 Vannes, FR (*scientific committee*)

AGILE 2019, 17-20 June 2018, Limassol, Cyprus (*scientific committee*)

AGIT 2019, 31st Symposium on Applied Geoinformatics, 03-05 July 2019, Salzburg, Austria (*symposium co-director*)

PLATIAL'19: International Symposium on Platial Information Science, 05-06 Sept. 2019, Coventry, UK (*scientific committee*)

GSKI2019: 6th Annual 2018 International Conference on Geo-Spatial Knowledge and Intelligence. December 20-21, 2019, Guangzhou, China (*honorary chair*)

6th International Conference on Geographical Information Systems Theory, Applications and Management" - GISTAM 2020, May 2020, Prague, CZ (*scientific committee*)

AutoCarto 2020 Symposium, 20-22 May 2020 Redlands, USA (*scientific committee*)

AGIT 2020, 32nd Symposium on Applied Geoinformatics, 08-10 July 2020, Salzburg, Austria (*symposium co-director*)

Workshop on Platial Analysis PLATIAL 2020, 09-11 Sept. 2020, Enschede, NL (*scientific committee*)

12th International Symposium on Digital Earth ISDE12, 06-08 July 2021, Salzburg, Austria (*symposium co-director*)

GIScience 2021, 11th Int. conference on Geographic Information Science, 27-30 Sept. 2020, Poznan, Poland (*scientific committee*)

AGIT 2021, 33rd Symposium on Applied Geoinformatics, 07-09 July 2021, Salzburg, Austria (*symposium co-director*)

AGILE 2021, 08-11 June 2021, virtual conference (*scientific committee*)

GSKI 2021, Nanjing, China, 17-19 December 2021 (*Honorary-Chair*)

1st International Forum on Big Data for Sustainable Development Goals FBAS, 06-08 Sept. 2021 (*scientific committee*)

JURSE Joint Urban Remote Sensing Event 2023. 17-19 May 2023 Heraklion, GR (*scientific committee*)

GI-Salzburg22, 34th symposium on Applied Geoinformatics, 05-07 July 2022, Salzburg, Austria (*scientific committee*)

13th International Symposium on Digital Earth ISDE13, 06-08 July 2023, Athens, Greece (*scientific committee*)

GIScience 2023 12-14 Sept. 2023 Leeds, UK (*scientific committee*)

PLATIAL'23: International Symposium on Platial Information Science, 19-21 Sept. 2023, Dortmund, Germany (*scientific committee*)

Annex 11: Review services for international agencies

Alexander von Humboldt Stiftung

Belgian Space Office Research Programme for Earth Observation, Belgium

Forschungsfonds Mecklenburg-Vorpommern, Germany
Baden-Württemberg BWPLUS Programme, Germany
Leibnitz Gemeinschaft, Germany
Hongkong Research Council
Forschungszentrum Jülich, Germany
National Science Foundation, USA
Irish Environmental Protection Agency, Ireland
AQAS Agentur für Qualitätssicherung, Germany
Neptis Foundation Canada
Coventry University, UK
Eidgenössische Forschungsanstalt WSL, Switzerland
Forschungstiftung Hamburg, Germany
Marie Curie Action COFUND (EU 7th Framework Programme) Ben Arabi Programme
Australian Antarctic Division, Australia
DFG Deutsche Forschungsgemeinschaft
Swiss National Fond SNF
Slovenian Research Agency, Slovenia
Kazakhstan National Center of Science and Technology Evaluation
DAAD German Academic Exchange Programme
Academy of Finland
Tiroler Wissenschaftsfond
Poland Ministry of Science and Higher Education

Annex 12: Teaching

Courses & classes at University of Salzburg 1992 - 2023

Introduction to Remote Sensing and Digital Image Processing
Advanced Remote Sensing
Scientific proposal writing
Scientific working and writing
GIScience colloquium
Global problems and perspectives
Uncertainty Modelling
Spatial concepts and spatial thinking
Seminar Climate Change, Risks, Hazards and Vulnerability
PhD Seminar: public participation and collaborative decision support systems within a geoinformation framework
Process-oriented landscape analysis with GIS
MSc Applied Geoinformatics: Orientation & Introduction
Seminar GIScience: Theory and Concepts
Lectures in GIScience: research progress and frontiers
PhD seminar GIScience/Geoinformatics
DK GIScience seminar
GIScience Intensive PhD week
Preparation for the research Doctoral degree
Spring School Data Science methods within Geoinformatics
Winter School Managing big Data, Quality and Uncertainty in GIScience
GIScience Doctoral Symposium and Thesis development workshop

Other Universities

- 1998/99 Manchester Metropolitan Univ.: Nature Conservation and GIS
- 2000/01 Univ. Tübingen: Geographical Information Systems
Univ. Tübingen: GIS applications in physical Geography and landscape ecology
Univ. Tübingen: GIS applications
- 2001/02 Univ. Tübingen: Environmental Monitoring Seminar
Univ. Tübingen: GIS II
Univ. Tübingen: Spatial Analysis for Geographical Data
Univ. Tübingen: Geographical Data acquisition
Univ. Tübingen: Hauptseminar: Beiträge der physischen Geographie und Landschaftsökologie
zu Umwelt- und Naturschutz
Univ. Tübingen: GIS in physical Geography and landscape ecology
- 2002/03 Univ. Tübingen: Hauptseminar: Environmental Monitoring
Univ. Tübingen: Geographical Information Systems
Univ. Tübingen: Geographical Information Systems II
Univ. Tübingen GIS II
Univ. Tübingen: Geographical Data acquisition
- 2004/05 California State University: Remote Sensing and image processing
California State University: Remote Sensing and image processing lab
- 2014/15 Univ. of South Carolina: Geographic Object Based Image Analysis

Annex 13: Projects

Externally funded projects with active participation. In most cases, I also helped to secure funding

European Commission funded projects:

- EU-Tempus Project S-JEP 09143-95: *EnviroGIS. Applications of Geographical Information Systems in Environmental Studies*. 10/1995 - 10/1998
- EU-Phare Project DE97/003: *UNIPHORM. Development of a service for training GIS Professional Technical Personnel in Open Systems*. 01/1998 – 12/1998
- EU 5th Programme Leonardo da Vinci A/98/2/06028/PI/II.1.1.c/FPC: *GeoBASE - Professional training in fundamentals of Geographical Information Systems (GIS)* 12/1998 – 11/2000
- EU 5th Programme Leonardo da Vinci HU/99/083120/01/III.3.a/FPI (1.11.1999 – 30.6.2001). *LIME, Land Information Management for Executives*
- EU 5th Framework Specific Programme Environment, Energy and Sustainable Development. *SPIN Spatial Indicators for European Nature Conservation*. 04/2001-03/2004
- EU 5th Framework: *Innovative models and critical key factors for sustainable development and integrated cross border regional management in former iron curtain areas based on north to south European case studies IRON CURTAIN* 10/2001-09/2004
- EU 5th Framework Marie Curie Programme: *Hierarchical and Object-based Monitoring of Ecosystems (HOME)*, MFCI-2001-00918, 05/2002-10/2003
- EU 6th Framework / GMES joint programme: *Global Monitoring for Stability and Security Network of Excellence*. GMOSS. 03/2004 – 02/2008
- EU 6th Framework: *ATLAS - Action for Training in Land use And Sustainability*. Co-ordination Action under Call FP6-2004-Global-3. 02/2008 – 01/2010
- EU 6th Framework: *LIMES Land/Sea Integrated Monitoring for European Security*, 05/2006-12/2009
- EU 6th Framework: *BRAHMATWINN Twinning European and South Asian river basins to enhance capacity and implement adaptive integrated water resources management approaches*, 12/2006-11/2009

- EU7th Framework: Bridge2Geo Bridging Innovation-driven GIS Research and Development to Create a GEO-Society 10/2008-12/2009
- EU7th Framework: ENERGEO Earth Observation for Monitoring and Assessment of the Environmental Impact of Energy Use 10/2009-09/2013
- EU7th Framework: MOSIPS Modelling and Simulation of the Impact of Public Policies on SMEs, 288833, 09/2011-08/2014

Other projects (*funding agencies in bold*):

- **Nationalpark Upper Austria:** Landuse Classification from Satellite and Airborne Data for the National Park Kalkalpen (Upper Austria) and their effective use for ecological applications, 01-1991-12/1991.
- **Bavarian Academy for Nature Conservation and Landscape Management:** GIS implementation and management, 03/1992-06/1995.
- **Austrian Ministry for Science and Transportation:** Development of Online-Courses in Geographic Information Technology, 1995.
- **Nationalpark Hohe Tauern:** Landcover Classification of the Nationalpark Hohe Tauern, 1994.
- **Bavarian State Ministry for State Development and Environmental Affairs:** Developing Nature Conservation Evaluation Procedures for the alluvial floodplain of the River Salzach, 01/1994-06/1995.
- **Salzburg Province and Nationalpark Hohe Tauern:** Landcover classification of the planned Nationalpark Salzburger Kalkalpen, 1994-1995.
- **Yorkshire Dales National Park Authority:** Design of a Multimedia Tourist Information System for the Yorkshire Dales National Park, 05/1996-09/1996.
- **Nationalpark Hohe Tauern:** Long-term monitoring of alpine ecosystems (100 years). Project leader: E.C.O. Institute for Ecology, Klagenfurt, 01/1998-09/1999.
- **Manchester Geographical Society:** Characterising landscape structures at the urban-rural fringe (*project leaders Dr. Nigel Trodd, University of Salford, Dr. Thomas Blaschke, Manchester Metropolitan University*), 01/1999-06/1999.
- **Austrian Ministry of Foreign Affairs:** Feasibility study for the development of a GIS-Centre at the Catholic University Mozambique at Beira, 01/1998 – 04/1998.
- **Paris-Lodron Stiftungsgesellschaft:** Satellite data-based analysis of landscape structure and diversity: Coupling of diverse algorithms in an integrated RS/GIS software environment.
- **Austrian Ministry of Foreign Affairs:** Design and Implementation of a Geographic Information System (GIS) for Sustainable Development and Regional Planning in Beira (Mozambique), 1998.
- **Manchester Metropolitan University and EU TMR programme:** Measuring and modelling of landscape structure, 10/1998-09/1999.
- **Austrian Ministry of Foreign Affairs:** Geoinformation for Rapid Flood Assessment and Hazard Mitigation in Central Mozambique – FLAME, 1999-2001
- **Ford Foundation / Mozambique Government:** INTEGER: Investigation and the Integration of Research and Extension to Support the Rehabilitation Efforts of the Mozambican Government after the Floods, 2000-2001.
- **Servicio Direcção Provincial de Cadastre / DPADR – Manica:** Using GIS for Land Concession Mapping in Manica Province / Mozambique.
- **International Development Research Centre / Arquivo do Património Cultural:** Improving Planning Schemes and Capacity Building for Demining in Mozambique. Rating zones for demining as a function of socio-economic and cultural impact of landmines in Sofala and Manica Provinces.
- **Bavarian National Park Administration:** Individual tree crown mapping: comparison of methodologies, 08/2002-05/2003.
- **Austrian Research Promotion Agency:** SIMPL Simulationsmodell für Planungen im Umwelt- und Naturschutz (*in cooperation with:* Planungsbüro Bogner+Golub), 2004.
- **Nationalpark Bayerischer Wald Authority:** ITCM Individual Tree Crown Mapping based on LIDAR data, 06/2003-12/2003.

- **Paris-Lodron Stiftungsgesellschaft:** Quantifying and qualifying land use change using Terra ASTER data in different cultural and ecological environments - Q2LU, 2003 – 2004
- **Sun Microsystems:** MAP3 - Sun Center of Excellence for map-based online public participation, 01/2004-12/2004.
- **Salzburg New Media Lab SNML:** UICGMD User Interface Concepts for Georeferenced Multimedia Data, 06/2004-03/2005.
- **FFG Austrian Research Promotion Agency:** Spatial indicator and knowledge database development for nature conservation tasks - SIMPL. 2005
- **Salzburg City Council:** GREEN SPACE. Indicators for living quality in the city of Salzburg, 2005.
- **EFRE INTERREG IIIa:** SeenLandWirtschaft. Sustainable agriculture in the German-Austrian transborder area Salzburger Seenplatte, 2004-2006.
- **EFRE „Innovative Maßnahmen“ and Land Salzburg:** SAFE EVENT. Integration von Sicherheitsaspekten und Tourismuslösungen für Events im Land Salzburg (*together with: Salzburg Research Forschungsgesellsch.*), 2004-2005.
- **Nationalpark Bayerischer Wald Authority:** Semi-automated Stand Mapping from Laserscanning and optical data, 2005-2006.
- **Salzburg City Council:** Gesamtstädtische Ermittlung eines Durchgrünungsgrades für die Stadt Salzburg auf Basis von Quickbird Daten, 2005-2006.
- **NATO CCMS Pilot Study:** Landscape Sciences for Environmental Assessment, 2006-2008.
- **Musée National d'Histoire Naturelle Luxembourg,** Analysis and modelling of the core areas of biodiversity (FNR/02/05/22), 2006-2007.
- **Paris-Lodron Stiftungsgesellschaft:** Zukunftsplanung und Entwicklung von Landschaften nach der Leitbildmethode, 2007.
- **FFG Austrian research promotion agency:** Erhebungsstudie zur Bedeutung der Geoinformation für den Schutz kritischer Infrastrukturen - GEO-IKT, 2007-2008.
- **Austrian Conference on Spatial Planning – ÖROK:** Energie und Raum - Erneuerbare Energiepotenziale und der Einfluss der Raumordnung, 2007-2008.
- **Austrian Railroad – ÖBB Infrastructure AG:** ÖBB Geoinformations-Strategie GIS+ 2020, 2008-2009.
- **EFRE INTERREG IVa:** EuRegional Spatial Analysis – EULE, 2008-2011.
- **FWF Austrian Science Fund:** Scales and Hierarchies in Landform Classification – SCALA, 05/2008- 08/2011.
- **EFRE INTERREG IVa:** Climate Change Adaption by Spatial Planning - CLISP, 2010 – 2011.
- **EuroStar:** Galileo based GMES real time emergency support testbed, real time exercise and development of services - G2real, 2009-2011.
- **FWF Austrian Science Fund:** Geographic Information Science – Doctoral College, 03/2011- 02/2015.
- **FWF Austrian Science Fund:** Knowledge and Semantics in Landform Classification – KnowLand, 08/2011- 02/2013.
- **BMW/OEAD – bi-lateral cooperation Austria-Slovenia:** Algorithms for LiDAR-based forestry survey, 01/2011 – 12/2012.
- **FWF Austrian Science Fund:** Agent-based image analysis of remote sensing data – ABIA, 02/2013- 01/2016.
- **FWF Austrian Science Fund:** Integrated Semi-automated Landslide Delineation, Classification and Evaluation – iSLIDE, 03/2011- 08/2015.
- **FFG Austrian research promotion agency:** Geo-enabled smart processes and service Industry 4.0 qualification network geoSPS, 08/2014 – 07/2016.
- **NUI Galway (Ireland):** Geospatial analysis facility - Assessment of the requirements & opportunities, 03-07 2019.
- **FFG Austrian research promotion agency:** EMP2EMP Employer to employee mobility, 10/2021 – 09/2023.
- **FFG Austrian research promotion agency:** Seasy Marina finder, 06/2022 – 05/2024.
- **FFG Austrian research promotion agency:** ESG-pro, 09/2022 – 08/2024.