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Curriculum vitae



1. Surname Mund
2. Christian Name Jan-Peter
3. Date of Birth 21.11.1965
4. Nationality German
5. Civil Status unmarried, living together with my partner in life

6. Key Qualifications

Physical Geographer, Field of Specialisation: Remote Sensing and GIS applications, Soil Science, Capacity Building and consulting, Land and Resource Management Experiences in Africa and Asia, Senior Lecturer for Physical Geography, GIS, Cadastral Surveying, Natural Resource Management, GIS-Education

7. **Present Position** Professor for GIS and Remote Sensing,
Faculty of Forest and Environment,
University for Sustainable Development, Eberswalde (FH)

8. Education and Scholarship

- University** University of Mainz (1998-2002),
Doctoral Degree: PhD Geographer (Dr. rer. nat.: Feb. 2002)
- PhD-Thesis: Paddy rice production on inland-valleys soils (Bas-Fonds) of the south-west Ivory Coast – Lowland soils and agro-ecological conditions
- PhD-Studies: Field of specialisation: Soil Science, Land-use-planning, Geographical Information Systems, Tropical ecology and Poverty mapping
- Scholarship: Post graduate scholarship on “Tropical resource management”
Nordrhein-Westfalen-Stiftung, University of Bonn (1995-1996)
- Diploma (M.Sc.) University of Bonn (1987- 1994)
Diploma Thesis: “Landscape ecology in the Tai National Park, Ivory Coast”
Degree: Geography Diploma (certified German Diplom-Geograph) in Jan. 1994
Field of study: Geography, Botany, Geology, Soil sciences
Field of Specialisation: Landscape ecology, GIS, Development Studies
- Abitur 1985: Bachelor / High School certificate qualifying for admission to university

9. Professional Experience Record:

since 2010	EU – evaluator of EUREKA program
since 2010	BMBF – Evaluator and committee member of the BMBF-IWRM IPSWAT
since 2008	Academic committee member of GI-Forum International, AGIT-Salzburg
since 2007	European Commission evaluator for the FP7-2007-2 on environm. research for the scientific panel: <i>Monitoring and evaluation of Spatially Managed Areas</i>
2010	Programme Officer at the United Nations University, Bonn
	UN Water Decade Programme on Capacity Development, UNW-DPC
2007 -2010	Senior Researcher at the German Aerospace Centre (DLR) Coordinator Capacity Building Unit of DFD Research Cluster: German Remote Sensing Data Centre (DFD), Department of Environment and Security, Munich, Oberpfaffenhofen, Responsible for GMES and international capacity building of application of recent Earth Observation technologies
2003 - 2007	CIM-gtz Advisor for Land Management and Land Administration at the Royal University of Agriculture (RUA) in Phnom Penh, Cambodia, Position of a Guest Professor and Senior Lecturer at RUA
2002 – 2003	Professor for Physical Geography (deputyship), Univ. of Koblenz, Germany
1996 - 2002	Research Assistant and Assistant Lecturer at the University of Mainz Lecturer for Geographical Information Systems and Remote Sensing; Resource Management, Ecology and Land Use Planning in Africa
since 1995	Shareholder and part time executive manager of GeoMedia Consulting GbR
1994 - 2003	Lecturer for e-learning concepts at the German Foundation for International Development INWENT (Bad Honnef) - Building up of the DSE internet country- information-pages (HTML) for the Ivory Coast and Egypt
1993 - 1996	Junior Research assistant at the University of Bonn (Dept. of Geography) Land unit survey in the Karakorum Mountains, Himalaya, Pakistan

10. Professional Lecturing Experience since 1993:

2008 ongoing	Guest lecturer at the Technical University of Munich (TUM) within the int. Master course on Land Management and Land Tenure (Prof. H. Magel)
2003 - 2007	Senior Lecturer at the Royal University of Agriculture, Phnom Penh, for Land Management, Participatory Land Use Planning, Soil Science, e- learning concepts and continuous curriculum development
2003	Guest lecturer at the University Bochum, Germany and University of Applied Sciences Wiesbaden-Geisenheim, Germany
2002 - 2003	Professor for Physical Geography at the University Koblenz, Germany
2000 - 2003	Senior GIS-Lecturer at the University of Mainz, Germany
1993 - 2002	Assistant Lecturer at the Universities of Bonn and Mainz, Germany, Abidjan (Côte d'Ivoire) und Butare (Rwanda)

11. Professional Consulting Experience and Research Projects:

2004 – 2006	Cambodian Nat. Atlas on Environmental Protection and Poverty Reduction
2006 – 2007	Land resource assessment of three provinces in Cambodia
09/2005 – 12/2005	Reconnaissance Soil Survey of Oddar Mean Chey Province, Cambodia
01/2004 – 06/2004	GIS- Cartography of the 1 st National Road Atlas of Cambodia
2002 – 2003	Consulting to gtz CCD -Desertification Convention Project, gtz-Bonn – Design, Content Development and Publishing of the gtz-Desertification web
2001 - 2003	Consulting to gtz Biodiversitäts Convention Project: – Design, Content Development and Publishing of the gtz-Biodiv web (www2.gtz.de/biodiv/)
12/2002 – 08/2003	Study on land degradation and soil erosion in the Akagera National Park, Rwanda (gtz-PORENA Project)
2002	Consulting to the GTZ Project: "Cellule Cartographie de la Pauvreté" and the Ministry of Finance and Planning, Conakry (Guinea)
2000	Consulting to the Creation of the "Atlas environnement et economique de la Guinee" for the Guinean Ministry of Development, Conakry (Guinea)

1998- 2001	Research on wetland soils, ecology, density and suitable utilisation for adapted rice production systems in the Ivory Coast – several GIS and Remote sensing studies (Doctoral thesis project)
07/1998 - 08/1998	Consulting of the GTZ Project: "PATECORE Projet des Gestions des Ressources Naturelles", Kongoussi (Burkina Faso) concerning GIS-Implementation for Natural Resource Management and training on the job
02/1998 – 03/1998	Consulting of the GTZ / KfW Project: PGRR Projet des Gestions des Ressources Naturelles, N'Zérékoré (Guinea) concerning GIS-Implementation, Participation at a short-time-missions
1996-1997	Study about the food security in Senegal for Germanwatch (NGO)
1997	Training on participatory management of natural resources in Guinea utilising GIS for gtz collaborators in "Guinée forstière")
04/1996 – 05/1996	Installation of GIS-Applications for rural development planning in the steppe-region of Algeria and Training on job for staff members of the "Haute commissariat de la steppe, Algeria"
1996	Training on GIS-and Remote Sensing Applications on Natural resource management and planning in Benin for staff members of the "Centre National du Teledétection, CENATEL/PGRN", Benin
1994-1998	Consulting of the GTZ / KfW Project: Protection of the tropical Rainforest in the Tai-National-Park (Ivory Coast) concerning GIS - Implementation, Participation at several short-time-missions

12. IT - Training and lecturing experiences since 1993

2003 - 2007	Senior GIS-Lecturer at the Royal University of Agriculture in Cambodia
2002	GIS-Implementation and Teaching mission to the GTZ Project: "Cellule Cartographie de la Pauvreté" Min.of Finance and Planning, Conakry (Guinea)
2000-2001	GIS-IT Training courses for High school teacher in Northrhine-Westfalia and Rhineland-Pfalz at the University of Mainz (2000–2001).
2000 -2002	Creation of an e-learning interactive ARC-VIEW 3.2 Tutorial base on the internet (www.geo.uni-mainz.de/institut/bedienst/wima/mund/AV-Tutor.htm)
2001-2002	Creation of an Online-GIS-Tutorial "Diercke-GIS"
2000	GTZ Training courses on ecological GIS applications in Benin and Guinea
1997-2002	GIS-Presentations at international conferences and workshop meetings
1998	Training courses on remote sensing applications (University of Mainz, 1998)

13. Further experiences abroad:

Sub-Saharan Africa: Côte d'Ivoire, Guinea, Benin, Rwanda, Cameroon, Niger, Gambia, Senegal, Burkina Faso, Ghana
 South East Asia: Cambodia; Vietnam, Thailand
 Middle East / North Africa: Turkey, Pakistan, Tunisia, Algeria; Jordan

14. Languages Skills

mother tongue: German,
 German (5;5;5), English (5;5;4) and French (4;4;4)
 (1= low proficiency; 5 = high proficiency)

15. IT - knowledge

Standard PC-, Inter- and Intranet application and HTML software
 MS-Office-Applications under Windows XP and Desktop Publishing
 Geographical Information Systems (GIS) and Remote Sensing Software

16. Membership of Professional Bodies

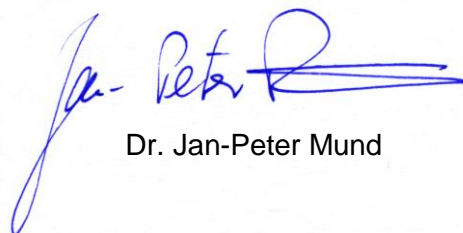
German Geographical Society (VGDH & DVAG)
 German Society for tropical Ecology (gtö)
 Member of the Editorial Board. Palaeo-Ecology of Africa
 Committee Member of GI-Forum, AGIT Salzburg International.

17. Publications

List of Publications attached

Munich, Germany

06 July 2011



Dr. Jan-Peter Mund

Publications (until 2010)

Reviewed Papers:

- Ruecker, G., Mund, J.P.; Wehrmann, T. et al (2009): Integration of remote sensing products in regional information systems to support decision making in land and water management in Central Asia. In: GISCA 09 Bishkek, Conference Proceedings
- Mund, J.-P. & A. v. d. Dunk (2008): Analyzing urban sprawl using multi-temporal and multi-source geospatial data fusion, In: A. Car, G. Griesebner & J. Strobl (Hrsg.) GI_Forum, Proceedings of the 2nd Geoinformatics Forum Salzburg, 2008
- Mund, J.-P. & Vung, S. (2008): Professional Education Programme for Land Management and Land Administration in Cambodia, in: International Research in Geographical and Environmental Education, 1747-7611, Volume 17, Issue 4, 2008, Pages 358 – 371
- Mund, Jan-Peter, Kranz, O.; Scheiderhan, T. & Voigt, St. (2008): Experiences of Capacity Building Activities with GMES and GEOSS. In: Earsel – Capacity Building Conference, Istanbul 2008.
- Mund, J.-P. (2007): Land Information System and Spatial Data Infrastructure in Cambodia - Challenging Administrative and Technical Development Issues. In: A. Car, G. Griesebner & J. Strobl (Hrsg.) Geospatial Crossroads @ GI_Forum, Proceedings of the First Geoinformatics Forum Salzburg, 2007
- Meis, P. Phiem, S.; von der Dunk, A. & Mund, J.-P (2007): Google Earth, Autostitch plus Georeferenzierung: Freie Fernerkundungsdaten in Entwicklungsländern. In: STROBL, BLASCHE, GRIESEBNER (HRSG.): Angewandte geographische Informationsverarbeitung XIX. AGIT-Salzburg 2007 Verhandlungsband .
- Mund, J.-P. (in print): The Agricultural Sector in Cambodia Disparities, Processes and Trends. In: KGA (Kölner Geographische Abhandlungen).
- MUND, J.-P. & T.P. SEANG: Geo-referenced Digital Aerial Balloon Photo Technique a low cost high-resolution option for developing countries. In: Proceedings of the Geoinformation for Development Workshop GI4Dev at the AGIT 2006, Salzburg, (www.agit.at , <http://www.agit.at/en/gi4dev/index.asp>).
- Vung, S. & J.-P. Mund (2006): Evaluation of the potential for smallholder Dragon fruit cultivation (Red Pitaya: *Hylocereus undatus* var.) under Cambodian conditions. In: GFAR 2006 Triennial Conference: Evidence of contributing to achieving the MDGs. Conference proceedings.
- MUND, J.-P. (2006): Land Dynamics in rural Cambodia. From accessibility via suitability to social land concessions. In: Federation International des Géomètres, XXIII International FIG Congress 2006, Munich.
- SOPHA , S. ; J.-P. MUND & S. VUNG (2006): Professional Education Program for Land Management and Land Administration in Cambodia. In: Federation International des Géomètres, XXIII International FIG Congress 2006, Munich.
- MUND, J.P.; N. RATTANAK & T.P. SEANG (2005): Urban and Peri-Urban Land Management – GIS-Examples from Provincial Cambodian Cities. In: Proceedings of the South East Asia Survey Congress 2005, 21-25 November, 2005. Bandar Seri Begawan, Brunei
- MUND, J.-P. (2004): Talböden und deren Nutzung durch kleinbäuerlicher Nassreisbau in der Côte d'Ivoire. In: Mainzer Geographische Studien, Heft Nr. 50
- CHRIST, T. ; J.-P. MUND & J. GRUNERT (2003): Untersuchungen zur Boden- und Vegetationsdegradation im Akagera-Nationalpark, Rwanda.). In: Zbl. Geol. Paläont. 2003.
- MUND, J.-P. & D. SCHÄFER (2002): GIS -macht Schule - Einsatz von GIS im Erdkundeunterricht. In: STROBL, BLASCHE, GRIESEBNER (HRSG.): Angewandte geographische Informationsverarbeitung XIV. AGIT-Salzburg 2002 Verhandlungsband . S. 375-380.
- MUND, J.-P. & M.DOEVEN SPECK (2002): Möglichkeiten und Probleme der Waldbewirtschaftung und Aufforstung in der Feuchtwaldzone der Côte d'Ivoire. In: Zeitschrift für Wirtschaftsgeographie , Heft 1, 46. Jg. 2002, S. 26-42.
- MUND, J.-P. & S. AL-JANABI (2001): GIS als Entscheidungsbasis für staatliche Planungs- und Entwicklungsprozesse in der Republik Guinea (Westafrika). In: STROBL, BLASCHE, GRIESEBNER (HRSG.): Angewandte geographische Informationsverarbeitung XIII AGIT-Salzburg 2001 Verhandlungsband . S. 336-342.
- MUND, J.-P. & A. SZÖCS (2000): Degradation tropischer Regenwaldböden als Folge der Exploitation - Bodenkundliche Untersuchungen an Ferralsols in der Region des Parc National de Taï (Côte d'Ivoire). In: Zbl. Geol. Paläont. Teil I, 2000, Heft 3-4, S. 375-390.
- MUND, J.-P. & J. GRUNERT (1999): Intensivierung des Nassreisbaus als Maßnahme des Tropenwaldschutzes in Westafrika, Grundlagen - Maßnahmen - Potentiale. In: BLOTEVOGEL, H. H. ET AL.: Wiss. Abhandl. d. 52. Dt. Geogr.-Tages, S. 385-396.

- MUND, J.-P. & J. GRUNERT (1999): Agro-ökologische Bedingungen des kleinbäuerlichen Bewässerungsreisbau in „Bas-Fonds“ im Südwesten der Côte d'Ivoire. In: Zbl. Geol. Paläont. Teil I, 1999, Heft 3-4, S. 123-138.
- BARTHLOTT, W., S. POREMBSKI, J. SZARZYNSKI & J.-P. MUND (1995): Phytogeography and Vegetation of tropical Inselbergs. In: GUILLAUMET, J.-L., BELIN, M. UND PUIG, H.. (HRSG.): Phytogéographie Tropicale - Réalités et Perspectives - ORSTOM - Edition, Collection Colloques et Séminaires, Paris 1996, p. 15 - 23.
- POREMBSKI, S., J.-P. MUND, J. SZARZYNSKI & W. BARTHLOTT (1995): Ecological Conditions and Floristic Diversity of an inselberg in the savanna zone of Ivory Coast: Mt. Niangbo. In: GUILLAUMET, J.-L., BELIN, M. und PUIG, H.. (Hrsg.): Phytogéographie Tropicale - Réalités et Perspectives - ORSTOM - Edition, Collection Colloques et Séminaires, Paris 1996, S. 255 - 261.

Other Publications:

- MUND J.-P.; MUELLER, S. (2009): Will Angkor sink into the sand? In: ASIAN Geographic magazine 2009
- Mund, J.-P. & Künzel, W. (2008): Strategy paper on international Capacity Building for continuous Remote Sensing and Earth Observation training and education (DLR)
- Mund, J.-P. & Phann, S. (2007): Driving forces of peri-urban development in Cambodia. A comparison of two centers of urban growth: Phnom Penh and Battambang. AK-SEA – German Geographers
- Mund, J.-P. (2007): The digital atlas of Cambodia, National Poverty and Environmental Maps. In: AGIT 2007 – GI – Forum, In: Adrijana Car, Gerald Griesebner & Josef Strobl (Hrsg.) Geospatial Crossroads @ GI_Forum, Proceedings of the First Geoinformatics Forum Salzburg, 2007
- MUND, J.-P. & V. VAN ENGELEN (2006): Land resource assessment for social land concessions in rural Cambodia. In : MapAsia Proceedings, Bangkok 2006.
- SEANG, T.P. & J.-P. MUND (2006) Balloon based geo-referenced digital photo technique. In: Federation International des Géomètres, XXIII International FIG Congress 2006, Munich.
- MUND, J.-P. (2006): Problematik der Landrechte und Landverteilung im ländlichen Raum Kambodschas. In : Pacific News No. 26, p 20 – 22. Juli/August 2006.
- MUND, J.-P. , N. RATTANAK & T. PENG SEANG (2006): Urban and Peri-Urban Land Management Examples from Provincial Cambodian Cities. in: Christine Knie (ed) 2006: Urban and Peri-urban Developments - Structures, Processes and Solutions. Southeast Asian-German Summer School 2005 in Cologne/Germany, 16-29. Oct. 2006: 127-137
- MUND, J.-P. & I. BESSON (2006): Study of the Forest-Rural Interface in Countries of the Lower Mekong Region - Cambodian Case study, CIFOR Regional Series
- Mund J.-P.; Vung, S. & Lor, C.P. (2005): Curriculum Development for a Land Management and Land Tenure Education Programs in Cambodia. In: Proceedings of the South East Asia Survey Congress 2005, 21-25 November, 2005. Bandar Seri Begawan, Brunei Darussalam
- Grunert, J., Mund, J.-P., Christ, T. (2004): Die Marais in Süd-Rwanda - Geoökologische Ausstattung und Landnutzungspotential versumpfter, tropischer Talböden. In: Koblenzer Geographisches Kolloquium, Sonderheft 2004, 26. Jhg. S. 79-106
- Mund, J.-P. (2003): Reisanbau in der Côte d'Ivoire - eine aktuelle Bestandsaufnahme. In: Koblenzer Geographisches Kolloquium, H. 2003, 25. Jhg. S. 99- 115.
- MUND, J.-P. & TH. CHRIST (2002): Land Degradation in the Akagera National Park (former and actual ANP) in Rwanda: Estimating the rate and processes. (GTZ-Studie für PORENA, ORTPN Kigali, Rwanda).
- EGNER, H.; G. GLASZE; J.-P. MUND; R. PÜTZ; A. SZÖCS; S. ZIMMERMANN (2001): Recherchieren - Produzieren - Präsentieren. Tipps und Hinweise zum wissenschaftlichen Arbeiten. In: Mainzer Skripten z. Geographiestudium ; 2001, Bd. 4.
- MUND, J.-P. & D. SCHÄFER (2001): Einführung in Geographische Informationssysteme. In: Geographie heute, Heft 195, S. 16-18
- SCHÄFER, D. & J.-P. MUND (2001): Einsatz Geographischer Informationssysteme im Erdkundeunterricht. In: Geographie heute, Heft 195, S. 18-22
- MUND, J.-P (2001): Landesmappe Côte d'Ivoire der Deutsche Stiftung für Internationale Entwicklung (DSE-ZA) Bad-Honnef.
- MUND, J.-P. (2000): Rice production on inland-valleys soils (Bas-Fonds) of the south-west Ivory Coast - agro-ecological conditions and specific pedological determinations. In: Tagungsband des Intern. Deut. Tropentages 1999, Berlin.
- MUND, J.-P. & J. GRUNERT & TH. CHRIST (2000): Pedo-ökologische Eignung der Bas-Fonds-Böden in der Côte d'Ivoire (West-Afrika) für den Bewässerungsreisbau (interner GTZ-Bericht für P.A.C.P.N.T. San Pedro, Côte d'Ivoire). Mainz 2000).

- GRUNERT, J.; MUND, J.-P. & TH. CHRIST (2000): Bas-Fonds, Dambos und Inland-Valleys - Vergleich und Systematisierung unterschiedlicher Definitionen von Talböden des tropischen Afrikas. In: Freiburger Geogr. H. 60: S. 29-46.
- MUND, J.-P. (2000): Landeskundliche Informationsseiten für die Deutsche Stiftung für Internationale Entwicklung (DSE-ZA) Bad-Honnef Länderseite "Côte d'Ivoire". Auftragsarbeit für die DSE-ZA in Bad-Honnef ; 1998 - 2002.
- DOEVENSPECK, M.; D. BANGE; J.-P. MUND ET AL (1999): Ernährungssicherung im Senegal dies- und jenseits des Fischereisektors. Studie für Germanwatch zur Situation der Ernährungssicherung im Senegal wurde im Rahmen von TradeWatch, der Handelskampagne von GERMANWATCH Bonn 1999. S. 36.
- MUND, J.-P. & A. SZÖCS (1999): Analyses pedologiques des deux toposequences à la limite l'est du Parc National de Taï - Bodenkundliche Untersuchung zweier Toposequenzen an der Ostseite des Taï-Nationalparkes. (interner GTZ-Bericht)
- MUND, J.-P. & TH. CHRIST (1999): Research on paddy rice soils in different regions of the Ivory Coast. In: Internationaler Deutscher Tropentag 1999, Berlin (Proceedings CD- Publikation).
- AL-JANABI, S.; J. FITZKE & J.-P. MUND (1998): Interaktiver Atlas der Bundestagswahlen im World Wide Web (www.wahlatlas.de : Internetveröffentlichung Zeits. Geo-Inform.GIS 1998).
- DOEVENSPECK, M.; AL-JANABI, S.; MUND, J.-P. (1998): La création des ressources forestières durables au niveau villageois en Côte d'Ivoire. In: Symposium des Interdisziplinären Arbeitskreises Dritte Welt: Veröffentlichungen des Interdisziplinären Arbeitskreises Dritte Welt der Joh. Gutenberg-Universität Mainz

International Academic Colloquia and Academic Interview Lectures

- “Challenges for Remote Sensing of Land Cover, From Spectral Reflectance to Global Data Sets”, University for Sustainable Development, Eberswalde (FH), 2009
- “Water for Life”, Capacity Development in the UN-Water framework, UNW-DPC, Bonn 2009
- Strategic elements of capacity development – Mechanisms, Markets and Modules (German Aerospace Center, DLR, Remote Sensing Data Centre, DFD-US, 2007)
- Recent Innovations and new Developments in ICT for Agriculture - Potential applications in empowering rural farmers in Asia (IRRI, 2004)
- Landschaftsdegradation und Talbodenentwicklung im tropischen Afrika - Aspekte aktueller Degradationprozesse sowie Physiognomie und Potentialanalyse tropischer Talböden (Interviewvortrag für die Juniorprofessur an der Universität Trier 2003).
- Smallholder rice production in West Africa – Geograph. Kolloquium Univ. Koblenz (2003).
- Webmapping contra Web-GIS (Vorstellungsvortrag für die Juniorprofessur an der Christian Albrechts Universität Kiel, August 2002).
- Kleinbäuerlicher Nassreisanbau in den Bas-fonds der Côte d'Ivoire Eine pedologisch-agrarökologische Analyse (Kolloquium des Geographischen Institutes der Universität Mainz, 2000)
- Bas-Fonds in der Côte d'Ivoire - Pedologische Grundlagen und aktuelle agrarische Nutzungen (Kolloquium am Tropenzentrum der Universität Göttingen, April 2000)
- Intensivierung des Nassreisanbaus als Maßnahme des Tropenwaldschutzes in Westafrika Grundlagen - Maßnahmen – Potentiale (Dt. Geo-Tag Hamburg 1999)