



Conseil

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Élection destinée à pourvoir un siège devenu vacant à la Commission juridique et technique conformément au paragraphe 7 de l'article 163 de la sous-section C de la section 4 de la partie XI de la Convention des Nations Unies sur le droit de la mer

Note du Secrétaire général

1. Le Conseil est invité à prendre note de la démission de M. Michael Wiedicke-Homback (Allemagne), membre de la Commission juridique et technique. M. Wiedicke-Homback avait été élu membre de la Commission le 14 août 2006 (voir ISBA/12/C/11), pour un mandat de cinq ans commençant le 1^{er} janvier 2007.
2. Conformément au paragraphe 7 de l'article 163 de la Convention des Nations Unies sur le droit de la mer et au paragraphe 3 de l'article 80 du Règlement intérieur du Conseil de l'Autorité internationale des fonds marins, en cas de décès, d'incapacité ou de démission d'un membre d'une commission avant l'expiration de son mandat, le Conseil élit, pour la durée du mandat restant à courir, un membre de la même région géographique ou représentant la même catégorie d'intérêts.
3. Le paragraphe 3 de l'article 163 de la Convention et l'article 81 du Règlement intérieur du Conseil stipulent que les membres d'une commission doivent avoir les qualifications requises dans les domaines relevant de la compétence de celle-ci et qu'afin de permettre aux commissions d'exercer leurs fonctions efficacement, les États parties désignent des candidats de la plus haute compétence et de la plus haute intégrité, ayant les qualifications requises dans les domaines pertinents.
4. Dans une lettre datée du 8 avril 2008, la Mission permanente de l'Allemagne auprès de l'Autorité a informé le secrétariat de la candidature de Christian Reichert, Chef de la Sous-Division de recherche géophysique de l'Institut fédéral des géosciences et ressources naturelles, à l'élection destinée à pourvoir le siège de la Commission devenu vacant. On trouvera le curriculum vitae de M. Reichert dans l'annexe au présent document.



Annexe

Curriculum Vitae^a

Christian Jürgen Reichert (Allemagne)



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|--------------------------|---------------------------|--|
| Name: | Dr. Reichert | Affiliation: Bundesanstalt für |
| Given names: | Christian Jürgen | Geowissenschaften |
| Marital status: | married | und Rohstoffe (BGR) |
| Date of birth: | 12 April 1951 | Stilleweg 2 |
| Place of birth: | Berlin, Germany | D-30655 Hannover |
| Nationality: | German | Tel: +49-511-643-3244 |
| Present position: | Sub-Division Head: | Fax: +49-511-643-3663 |
| | Geophysical | e-mail: christian.reichert@bgr.de |
| | Research | web-site: www.bgr.bund.de |

At present Head of sub-division „Geophysical Research“ with the Federal Institute for Geosciences and Natural Resources (BGR)

- Management of the running tasks of the sub-division (staff of approximately 70 scientists and technicians), staff and budget planning. This includes Marine Geophysics with comprehensive instrumentation for operations world-wide (reflection and refraction seismics, magnetics, gravity, geothermics), an airborne technical service with a helicopter completely fitted with electromagnetics, magnetics, radiometry (airborne gravity and airborne radar under development), the German Seismological Central Observatory in Erlangen, the National Data Center fulfilling the German tasks within the frame of the Comprehensive Test Ban Treaty (CTBT) of the United Nations (UN) with its seismic and infrasound monitoring stations, as well as Applied Geophysics with various electromagnetic methods, gravity and geothermics.
- Deputy Division Head (B3: Geophysics, Marine and Polar Research) with approximately 140 scientists and technicians.
- Conception and implementation of and cooperation in interdisciplinary research projects in the marine sector (generally of international character), application for third party funds (e.g. Federal Ministry of Education and Research: marine research with RV SONNE). As in the earlier position, the principle tasks are contributions to assessing the potential in natural resources and the georisk potential of selected active and passive continental margins. This includes the study of basic geological-tectonic processes active during continental margin formation.
- Conception and implementation of third party funded projects as well as cooperation with private industry companies.

CV Dr. Christian Reichert, as of December 2007

page 1 of 7

^a Reproduit dans la langue dans laquelle il a été soumis.

- Until March 2007 coordinator for the subject "Investigation of the Seas and Polar Regions" within the Development and Research Board of BGR.
- Scientific issues within the frame of implementing Article 76 of the United Nations Convention on the Law of the Sea (delineation of the limits of the continental shelf), German candidate for the elections to the UN Commission on the Limits of the Continental Shelf in June 2007.
- Project-Controlling for the division „Geophysics, Marine and Polar Research“.
- Chief-scientist on four marine-geoscientific expeditions with scientific staff of ca. 18 persons for investigations on the continental margins off Costa Rica, Tasmania, Chile and Mozambique.

1993 - 1999

Head of Sub-Division „Marine Geophysics, Polar Research“ with the Federal Institute for Geosciences and Natural Resources (BGR).

- Management of the running tasks of the sub-division (staff of approximately 50 scientists and technicians), staff and budget planning including the geological-geophysical expeditions to the arctic and Antarctic regions. The latter are realized about bi-annually, and are of high logistical complexity and costs. They involve intense cooperation with other national and international research groups. (polar budget comprises approximately 2.2 Mio Euro per fiscal year).
- Conception and implementation of, as well as participation in interdisciplinary research projects in the marine and polar sector, application for third party funds (e.g. Federal Ministry of Education and Research: marine research with R/V SONNE). Principle tasks are contributions to assessing the potential in natural resources and the geo-risk potential of selected active and passive continental margins. This includes the study of basic geological-tectonic processes active during continental margin formation.
- Co-ordinator for the working field "Gecrisk" within the Research Board of BGR.
- Chief-scientist on five marine-geoscientific expeditions with scientific staff of ca. 18 persons for investigations of the continental margins of East Siberia (Arctic Ocean), Chile, Queen Maud Land (Antarctica), Namibia, Indonesia as well as of the oceanic crust of the Angola Basin. Co-Chief Scientist on two other expeditions: Arabian Sea and Indian Ocean (Ninetyeast Ridge).

1992 - 1993

Scientific employee with the Geological Survey of Lower Saxony (NLfB): Acquisition, processing and interpretation of shallow-seismic data.

- 1992 Doctorate thesis: Ein geophysikalischer Beitrag zur Erkundung der Tiefenstruktur des Nordwestdeutschen Beckens längs des refraktionsseismischen Profils NORDDEUTSCHLAND 1975/76 (A geophysical contribution to the investigation of the deep structure of the Northwest German Basin along the seismic refraction profile NORDDEUTSCHLAND 1975/76) with focus on seismic and gravimetric methods and modelling.
- 1983 - 1991 Manager assistant for the German Continental Seismic Reflection Programme (Deutsches Kontinentales Reflexionsseismisches Programm, DEKORP) with the NLB: Management of comprehensive geo-scientific projects for investigation of the deep Earth's crust in Germany using various methods with focus on the seismic reflection method. Total budget approximately ca. 2 Mio. Euro per year, one scientist, one technician, own seismic reflection equipment and operation.
- Conception, organisation, realization and evaluation of the particular sub-projects, incl. call for tenders, commissioning contractors for the main field work and supervision of implementation,
 - Organisation of annual status workshops as well as of an international symposium („Deep Seismic Profiling of the Continental Lithosphere“, Bayreuth, 1990) with about 200 participants,
 - Presentation of the results on national and international conferences and meetings as well as by publications,
 - Collaboration with national and international research groups and industry.
- 1977 - 1983 Scientific employee with the Geological Survey of Lower Saxony (Niedersächsisches Landesamt für Bodenforschung, NLB), Hannover.
- Acquisition, processing and interpretation of seismic refraction data,
 - Geothermics,
 - Data processing for ^{14}C age dating.
- 1970 - 1977 Freie Universität Berlin (Free University of Berlin): Regular studies in geophysics along with geology and geodesy.
- Diploma thesis: „Entwicklung und Erprobung eines Programmsystems zur digitalen Bearbeitung refraktionsseismischen Datenmaterials“ (Development and testing of a programme system for digital processing of seismic refraction data),
 - Comprehensive field work in European countries and Brazil for investigations on structures of the deeper Earth,
- 1957 - 1970 Primary and Secondary School (Gymnasium) in Berlin.

Current projects

- MoBaMaSis: German-French collaboration in marine-geoscientific studies on the Mozambique continental margin along with additional partners from Mozambique and Portugal.
- SUNDAARC: High risk volcanism at the active continental margin of the Sunda Arc, Indonesia (overall co-ordination; third party funded joint research project with four other German research institutions and numerous Indonesian partners: German Federal Ministry of Education and Research),
- SUNDAARC sub-project KRAKMON: Krakatau Multi-Parameter Monitoring (project manager),
- ARGURU: Continental margin off Argentina and Uruguay (project manager, BGR budget),
- Implementation of UNCLOS (support for developing countries for delineation and sustainable usage of their maritime zones; third party funded: German Federal Ministry for Economic Co-operation and Development).

Foci of work

- Initiation and coordination of international geoscientific projects
- Structure and processes at active and passive continental margins,
- Structure of the deep Earth's crust,
- Main expertise: seismic reflection, seismic refraction, gravity, magnetics.

Languages

- German - native tongue,
- English - oral and written: business fluent,
- French - oral: fluent, written: less fluent,
- Italian - oral and reading: satisfactory,
- Spanish - basics,
- Greek - basics.

Advisory boards

- Member of the advisory board of the „Seismological Central Observatory Graefenberg“.
- Member of the „Advisory Board for Seismic Field Operations“ of the „Council for Physics of the Earth (FKPE)“ in Germany,
- Deputy chairman of the advisory board of the German Hydrographic Consultancy Pool (GHyCoP), a commercial association within the frame of public-private partnership (PPP).

Memberships

- Society of Exploration Geophysicists,
- American Geophysical Union,
- European Geosciences Union,
- Deutsche Geophysikalische Gesellschaft,
- Geologische Vereinigung,
- Deutsche Gesellschaft für Polarforschung.

References

- Dra. Montserrat Torné Escasany, Madrid, Spain,
- Prof. Dr. Cesar Ranero, Barcelona, Spain,
- Prof. Dr. Hans Thybo, Copenhagen, Denmark,
- Prof. em. Dr. David Gee, Uppsala, Sweden
- Dr. Philip A. Symonds, Canberra, Australia,
- Dr. Indroyono Soesilo, Jakarta, Indonesia,
- Amb. Luis Baqueriza, Buenos Aires, Argentina,
- C/N Hugo Roldos de la Sovera, Montevideo, Uruguay,
- Prof. Dr. Onno Oncken, Potsdam, Germany,
- Dr. Juan Díaz-Naveas, Valparaíso, Chile,
- Prof. Dr. Wolfgang Rabbel, Kiel, Germany,
- Prof. Dr. Hans-Jürgen Götze, Kiel, Germany,
- Prof. Dr. Gerhard Jentzsch, Jena, Germany,
- Dr. Karl Hinz, Hannover, Germany,
- Prof. em. Dr. Jürgen Wohlenberg, Burgwedel, Germany,
- MinDir ret. Fritz Lücke, Kiel, Germany,

Selected Peer Reviewed Publications of Christian J. Reichert (1999–2007)

- FRANKE, D., HINZ, K., REICHERT, C. (subm.): Geology of the Shelf of the East Siberian Sea south of the De Long Uplift / Russian Arctic from seismic Images.- Marine Geology.
- DJAJADIHARDJA, Y.S., ASAHIKO TAIRA, HIDEKAZU TOKUYAMA, KAN AOIKE, REICHERT, Chr., BLOCK, M., SCHLUETER, H.-U., NEBEN, S. (2004): Evolution of accretionary complex along the north arm of the Island of Sulawesi, Indonesia.- The Island Arc, ISSN 1038-4871.
- FRANKE, D., HINZ, K., REICHERT, Chr. (2004): Geology of the East Siberian Sea, Russian Arctic, from seismic images: Structures, evolution, and implications for the evolution of the Arctic Ocean Basin. – J. Geophys. Res., 109, B07106, doi:10.1029/2003JB002687.
- KRAWCYK, C. AND THE SPOC TEAM, incl. REICHERT, Chr. (2003): SPOC – Subduction Processes Off Chile: Amphibious Seismic Survey Images Plate Interface at 1960 Chile earthquake. EOS, 84, (32) 301-305.
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- GAEDICKE, C., SCHLÜTER, H.-J., ROESER, H. A., PREXL, A., SCHRECKENBERGER, B., MEYER, H., REICHERT, Chr., CLIFT, P. & AMJAD, S. (2002): Origin of the northern Indus Fan and Murray Ridge, Northern Arabian Sea: Interpretation from seismic and magnetic imaging. – Tectonophysics, 355, 127 – 143.
- KOPP, H., KLAESCHEN, D., FLUEH, E. R., BIALAS, J., REICHERT, Chr. (2002): Crustal structure of the Java margin from seismic wide-angle and multichannel reflection data, J. Geophys. Res., 107, B2 10.1029/2000JB000095
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- SCHLÜTER, H. U., PREXL, A., GAEDICKE, Ch., ROESER, H., REICHERT, Chr., MEYER, H. & DANIELS, C. v. (2002): The Makran accretionary wedge: sediment thickness and ages and the origin of mud volcanoes. – Marine Geology, 185, 219 – 232.
- GREVEMEYER, I., FLUEH, E., REICHERT, Chr., BIALAS, J., KLAESCHEN, D., KOPP, C. (2001): Crustal Architecture and Deep Structure of the Ninetyeast Ridge Hotspot Trail from Active-Source Ocean Bottom Seismology. - Geophys. J. Int., 144, 414 - 431.
- KOPP, H., FLUEH, E. R., KLAESCHEN, D., BIALAS, J., REICHERT, Chr. (2001): Crustal structure of the central Sunda margin at the onset of oblique subduction, Geophys. J. Int., 147 449-474.

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VÖLKER, D.; WIEDICKE, M.; LADAGE, S.; GAEDICKE, CHR.; REICHERT, Chr.; RAUCH, K.; KRAMER, W. & HEUBECK, CHR.: Latitudinal Variation in Sedimentary Processes in the Peru-Chile Trench off Central Chile, 193 – 216.