

René Griesbach, PhD

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Curriculum Vitae

Personal Details

Name: René Griesbach
Date of Birth: April 2nd, 1971
Marriage status: married since 02/2005, 2 children
Nationality: German
Qualification: M.Sc. (*Diploma*) Photogrammetry and Aerial Imaging
Siberian State Academy for Geodesy, Russia (06/1995)
M.Sc. (*Diploma*) Natural Resources Investigations
Siberian State Academy for Geodesy, Russia (02/1996)
Ph. D. in Remote Sensing & Photogrammetry
Siberian State Academy for Geodesy, Russia (12/2000)

Professional Qualifications:

Member, Society for Remote Sensing Berlin-Brandenburg e.V.
Sea Survival (BOSIET) certificate (exp. 10/2008),
HSE Certificates

Languages German (mother tongue),
Russian (fluently),
English (fluently)

Work Experience

10/2005 to 08/2007 Local Project Management and Business Development for ILV Middle East FZE, Sharjah, U.A.E.

Project Manager for the Mapping and Geodata Licensing Project for the Government of Sharjah, Centre for Geospatial Information

- preparation of proposal documents
- company presentation
- technical and organisational project preparation
- permanent contact to clients project team

- supervision of subcontracted geodetic survey activities
- data management and data QC
- GIS implementation
- project supervision and reporting
- training for client staff

Business setup for ILV Middle East subsidiary

- technical office setup
- participation in exhibitions and conferences
- contract acquisition
- client and authorities contacts
- company presentations
- preparation of bid documents

Technical Consultant, Navigator, Data Processor and QC for the Joint Venture Area Seabed Survey offshore Nigeria

- consultation of project manager, Party Chief and Client Rep
- online survey data acquisition / Navigator (QINSy)
- data management and data QC
- bathymetric DTM processing, 3D-modelling
- GIS implementation
- internal project supervision and reporting

06/2001 to 04/2005 Project Manager, Head of subsidiary for ILV Wagner

Tasks:

Project Development and Marketing,

- preparation of national and international bidding documents
- preparation of international marketing documents

Report and Data Manager for the Joint Venture Area Seabed Survey offshore Nigeria, Deputy Party Chief and Project Manager

- preparation of proposal documents
- technical and organisational project preparation
- development of HSE system and documentation, HSE training
- supervision of geodetic survey activities
- data management and data QC
- data acquisition (CodaOctopus, Reson 6042/QINSy)
- bathymetric DTM processing, 3D-modelling
- GIS implementation
- project supervision and reporting

Project management of several aerial and terrestrial photogrammetric projects

- development of project technology
- active participation in project execution
- data acquisition and processing
- project supervision, reporting and QC

Project Management and Execution for photogrammetric work and GIS

03/2000 – 03/2001 Head of photogrammetric department for GZA mbH Remote Sensing Centre Potsdam

Tasks:

Project management, international co-operations with Russia, Ukraine, Belarus

- permanent contacts to local partner companies
- company presentations

Project management and execution for aerial imaging for pipeline project

- client contacts
- organization of aerial survey
- georeferencing of digital images
- map production

07/1995 – 02/2000 Scientific staff, Head of photogrammetric department Remote Sensing Centre Potsdam

Tasks:

Project Manager and Project engineer for photogrammetric work:

- Airport Allstedt
- railway experimental field Berlin-Brandenburg
- aerial digital imaging flights and photogrammetric image processing for the ODER flood event
- true orthophoto and vector mapping of S-Bahn Berlin workshops

Development of survey technology for airport reconstructions and modelling of future obstruction conditions

Foundation of private economy structures in the field of remote sensing in Ukraine and Belarus (founded by German Space and Aviation Agency)

- permanent contacts to local partner companies
- company presentations
- company registration process
- reporting, financial reporting

Project Engineer for the digital aerial image acquisition of the ODER flood event

- organization and logistical support for the flight campaign
- flight planning
- image acquisition execution
- QA/QC of acquired data
- development of data processing technologies

Project Engineer for the Flight Campaigns of the International Space Program PRIRODA

- organization and logistical support for the flight campaign
 - QA/QC of acquired data
 - development of data processing technologies
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Special knowledge's

German Russian technical translation (certificate)
Advanced computer skills (Windows, UNIX, Network, C++ programming, awk- and batch programming, html programming)
GIS (ArcGIS, Geomedia, ERDAS Imagine and others)
Office Applications (Word, Excel, Powerpoint, Access and others)
Image Processing software (ERDAS Imagine, ADOBE Photoshop and others)
Driving Licenses (European, all classes, UAE light vehicles and bikes)
Coxswain certificate (shortly)

Publications

R.Griesbach et al.: The improvement of ecological monitoring by means of the intercalibration of multidata; 3. International Airborne Remote Sensing Conference and Exhibition, Copenhagen, 1997 (English language)
R. Griesbach: Kombination von Methoden der Digitalen Photogrammetrie und Digitalen Bildverarbeitung in der Praxis; ERDAS User-Group-Meeting, Germering, 1997 (german)
H. Weichelt, R. Griesbach: Beiträge der Fernerkundung zur Lösung von Umweltproblemen in der Oderregion; Brandenburgische Geowissenschaftliche Beiträge 1/98, Landesamt für Geowissenschaften und Rohstoffe Brandenburg, Potsdam, 1998, (German language)
R. Griesbach: Integration der digitalen Bildverarbeitung in die digitale Photogrammetrie; ILA-Kolloquium "Umwelt und Fernerkundung", Berlin, 1998 (German language)
R. Griesbach: Digitale Photogrammetrie- Dienstleistung mit Zukunft; 1. Intergraph Photogrammetrie-Forum 1998, Fulda, 1998 (German Language)

R. Griesbach: Sovremennye sredstva sbora dannykh dlya GIS; Proceedings of the 4. International Conference INTERCARTO, 1998, (Russian language)

H. Weichelt, K.-H. Marek, R. Griesbach; Application of remote sensing data for the flood information management of the Oder River region; ISPRS Mid-Term Symposium ECO BP'98, Budapest, 1998 (English language)

R. Griesbach, K.-H. Marek: Zur Synergie von Fernerkundung, Photogrammetrie und GIS; CEGUG 98, Mannheim, 1998, (German language)

R. Griesbach, D. Kommissarow: O sinergii distantsionnogo zondirovaniya, tsifrovoy fotogrametrii i GIS; Scientific conference on occasion of 65 anniversary of founding the SSGA (NIIGAIK), Novosibirsk, 1998 (Russian language)

Dr. Rene Griesbach, Eng. Beatrix Wagner: Digital mapping technology for the Mapping and Geodata Licensing Project of Sharjah Geospatial Centre, Map Middle East 2006, Dubai, UAE, 2006

Dr. Rene Griesbach, Dr. Klaus Voigt, Eng. Beatrix Wagner: Advanced airborne, spaceborne and hydrographic Remote Sensing technologies for extended GIS in town planning, Map Middle East 2006, Dubai, UAE, 2006

Dr. Rene Griesbach, Eng. Kareem Khalid, Mahmood Al Akram: Using Townplanning GIS for Airport Obstacle Survey, Map Middle East 2007, Dubai, UAE, 2007