

## Concluded Research Projects

- 2013-14** **Coordinator** – TerraSenseE: Terrestrische Sensorik für hochaufgelöste Analytik von Erdoberflächenprozessen **TMBWK**
- 2012-15** **Partner** – EuRuCas: European-Russian Centre for cooperation in the Arctic and Sub-Arctic environmental and climate research **EU**
- 2011-15** **Coordinator** – ZAPÁS: Assessment and Monitoring of Forest Resources in the Framework of the EU-Russian Space Dialogue **EU**
- 2010-15** **Partner** – GIONET: GMES Initial Operations – Network for Earth Observation Research Training **EU Marie Curie Initial Training Network**
- 2010-14** **Partner** – INFLUINS: Integrierte Fluidodynamik in Sedimentbecken. Prozesse, Potenziale, Risiken **TMBWK**
- 2009-13** **Coordinator** – BIOMASAR-1/-2: Forest Biomass Mapping with hyper-temporal ASAR Global Monitoring data in Siberia, Sweden and Quebec/ BIOMASAR-2: ... of the Northern Hemisphere **ESA**
- 2010-13** **Partner** – Gradiertenschule Bildverarbeitung: Segmentierung in der Fernerkundung **TMWBK**
- 2009-13** **Coordinator** – SARvanna: SAR-Mapping of Savanna Vegetation Structure in Kruger National Park, SA **BMBF/NRF/KNP/ESA**
- 2008-13** **Coordinator** – FRA-SAR-1/-2: TerraSAR-X support to the UN FAO Forest Resource Assessment 2010 **DLR/BMWi**
- 2011** **Partner** – EO-LDAS: Earth Observation for Land-System Data Assimilation **ESA**
- 2011** **Partner** – DUE Permafrost: Establishment of a satellite-based monitoring system **ESA**
- 2011** **Partner** – ENVILAND-1/-2: Investigation of Envisat ASAR and MERIS data, **BMBF**
- 2010** **Coordinator** – RadarCover-1/-2: GMES Sentinel-1 Analysis of Multi-Temporal Land Cover Observation at C-Band **ESA**
- 2010** **Coordinator** – **ESA** GOFC-GOLD Land Cover Project Office (Global Observations of Forest and Land Cover Dynamics)
- 2008** **Coordinator** - IRIS: Irkutsk Regional Information System for Environmental Protection **EU INCO**
- 2008** **Coordinator** - SibFORD: Earth Observation for Assessment of Forest Disturbances induced Carbon Emissions in Central Siberia **EU**
- 2008** **Partner** – GSE Forest Monitoring, ESA GMES Service Element Project for Russia **ESA**
- 2006** **Partner** – AGRISAR Campaigns 2006 **ESA**
- 2006** **Partner** – AQUIFER Wetland Monitoring in Northern Africa **ESA**
- 2005** **Coordinator** - SIBERIA-II Multi-Sensor Concepts for Greenhouse Accounting of Northern Eurasia (EU)

- 2005**     **Partner** – FEMINE (Forest Environmental Monitoring in Northern Eurasia), **ESA-IAF** (International Astronautical Federation) project for cooperation with Russia and Ukraine
- 2004**     **Partner** – TerraSAR-L, Satellite Feasibility Study for future ESA Missions **DLR**
- 2004**     **Coordinator** – Innovative Remote Sensing Techniques for Forest Mapping in Mongolia **UN FAO**
- 2004**     **Coordinator** - GMES-RUSSIA: Establishing a Thematic Network in Russia for Priority Themes A, B, C and E for GMES Strand 2 Assessment Activities **EU GMES** Global Monitoring for Environment and Security
- 2003**     **Coordinator** - TerraDew: Investigations about the Temporal Effects of Dew on Multifrequency and Multipolarimetric DLR E-SAR Radar Backscatter Signals, **BMBF**
- 2002**     **Coordinator** – Establishment of an Ecological Monitoring System for Lake Baikal **EU INTAS**
- 2001**     **Partner** – European Radar-Optical Research Assemblage (ERA-ORA) **EU**
- 2001**     **Partner** - Feasibility Study for a P-Band Satellite **ESA**
- 2000**     **Coordinator** - SAR Imaging for Boreal Ecology and Radar Interferometry Applications – SIBERIA, **EU** Environment and Climate, Center for Earth Observation Program
- 2000**     **Coordinator** - ERS-data for SIBERIA-Project (560 Frames) **ESA** 3rd ERS AO
- 2000**     **Partner** - Airborne Radar Campaigns "Morphodynamik der Elbe" **BMBF**
- 1999**     **Coordinator** - Methane-Emission in Siberian Wetlands **DAAD ARC**
- 1998**     **Contractor** – Airborne Radar Campaigns for Rhine Flood **Bundesanstalt Gewässerkunde**
- 1996**     **Partner** - Next Generation SAR Instrument Study, **DARA**
- 1996**     **Partner** - Optik-SAR Synergy Study, **ESA ESTEC**
- 1995**     **Co-Investigator** - ERS Windscatterometer Study for Land Applications, **ESA ESTEC**
- 1995**     **Partner** - MAC Europe Airborne Radar Campaigns **ESA ESTEC**
- 1993**     **Partner** - CLEOPATRA Cloud Cover Experiment Oberpfaffenhofen **DLR**
- 1991**     **Coordinator** – Airborne Radar Campaign LOTREX HIBE (Landoberflächenexperiment) **BMBF**
- 1988**     **Coordinator** – Regional Landsat Thematic Mapper Land Use Classification **Umweltministerium Baden Württemberg**