



Johann Köppel (líder alemão do projeto Brasil-Alemanha)

Interplay of multiple uses of water reservoirs via innovative coupling of substance cycles in aquatic and terrestrial ecosystems



DFG: Collaborative Research Centres

The screenshot shows the DFG website's navigation and content structure. At the top is the DFG logo and name. Below is a blue navigation bar with links to Research Funding, Funded Projects, DFG in Profile, and DFG MAGAZINE. A search bar is located below the navigation bar. The main content area is divided into three columns. The left column contains a 'Research Funding' sidebar with a tree view of funding programmes, including 'Collaborative Research Centres'. The middle column shows the breadcrumb trail 'You are here: Home > Funding > Programmes > Coordinated Programmes > Collaborative Research Centres' and a large section titled 'Collaborative Research Centres' with a 'Content Directory close' button. This section contains two columns of links: 'Collaborative Research Centres' (with sub-links like 'In Brief', 'Information on the Proposal Process', etc.) and 'Programme Elements' (with sub-links like 'Promoting Early Career Researchers', 'Facts and Figures', etc.). The right column contains two sections: 'Funding Opportunities' with links to 'In Brief', 'Programme Elements', 'Promoting Young Researchers in CRCs', and 'International Cooperation'; and 'Proposal Process' with links to 'More Information on the Proposal Process', 'Contact', and 'Information on the Proposal Process and on the Review and Decision-Making Process'.

TU Berlin: Collaborative Seed Funds & Interdisciplinary Research Centers





Technische Universität Berlin

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TUB-Login

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- ▶ with campus card

About the TU Berlin

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Areas of Specialization

Excellence Initiative

Climate-KIC & EIT ICT Labs

Collaborative Research

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Collaborative Research

☐ DFG Research Centers (FZT)

☐ DFG Collaborative Research Centers (SFB)

☐ DFG Research Units (FOR)

☐ DFG Research Training Groups (GRK)

☐ BMBF Collaborative Projects

☐ EU Collaborative Projects

☐ Innovation Centers

DFG Research Centers (FZT)

Coordinator TU Berlin

Name	Coordinator
<input type="checkbox"/> MATHEON - Mathematics for Key Technologies (FZT 86)	Prof. Volker Mehrmann

Quick Access:

Go to: 

Auxiliary Functions

☐ maximize aux. functions

Contact

☐ Collaborative Projects (except RTG/EU)

☐ EU Collaborative Projects



☐ Doctoral Programmes

TU Berlin: Collaborative Seed Funds & Interdisciplinary Research Centers




Name	Coordinator
Innovation Center Energy (IZE)	Prof. Frank Behrendt
Innovation Center Human-Centric Communication (H-3C)	Prof. Adam Wolisz
Innovation Center Knowledge Research (IZW)	
Innovation Center Technologies for Health and Foods (IGE)	
Innovation Center Water in Urban Areas (IZ WIB)	
Innovation Center Habitat Design (IGL)	

BMBF Collaborative Projects


Coordinator TU Berlin		
Name	Coordinator	
 Young Cities - Developing Energy-Efficient Urban Fabric in the Tehran-Karaj Region	Prof. Rudolf Schäfer	
 Urban Agriculture Casablanca (UAC)	Prof. Undine Giseke Prof. Dieter Scherer	
GO-Bio 3	Prof. Roland Lauster	
INNOVATE - Interplay among multiple uses of water reservoirs via innovative coupling of substance cycles in aquatic and terrestrial ecosystems		Prof. Johann Köppel

BMBF Program: Sustainable Land Management, Module A

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SUSTAINABLE
LAND MANAGEMENT

You are here: [Home](#) / [Scientific Coordination \(GLUES\)](#)

A

»INTERACTIONS BETWEEN LAND MANAGEMENT,
CLIMATE CHANGE AND ECOSYSTEM SERVICES«
MODULE

B

MODULE

MODULE A

PROJECTS

SCIENTIFIC COORDINATION (GLUES)

Objectives

Work areas

Scientific Coordination and Synthesis (GLUES*)

*Global Assessment of Land Use Dynamics, Greenhouse Gas Emissions and Ecosystem Services

What does the Scientific Coordination and Synthesis project do?

GLUES supports the regional projects (RPs) within the research programme 'Sustainable Land Management' with a major portion of communications and networking measures and aims to synthesise the RPs' results.


» fact sheet [608 kB]

With our activities we aim to facilitate support for the regional projects in

Intranet-Login

User

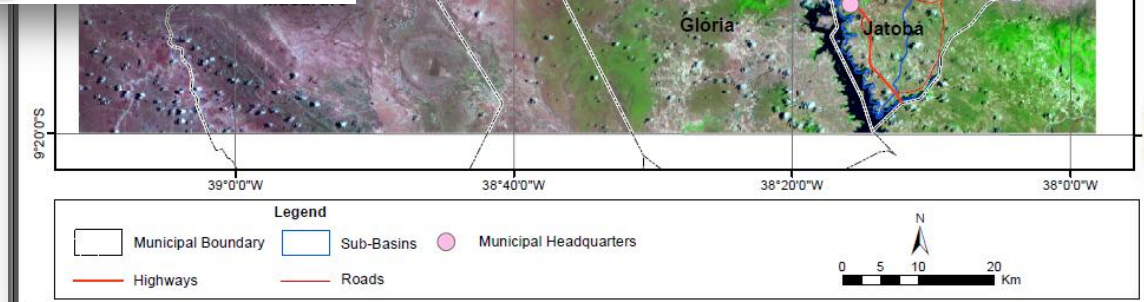
Register



INNOVATE: um de 12 projetos em todo o mundo



Grande – médio – local

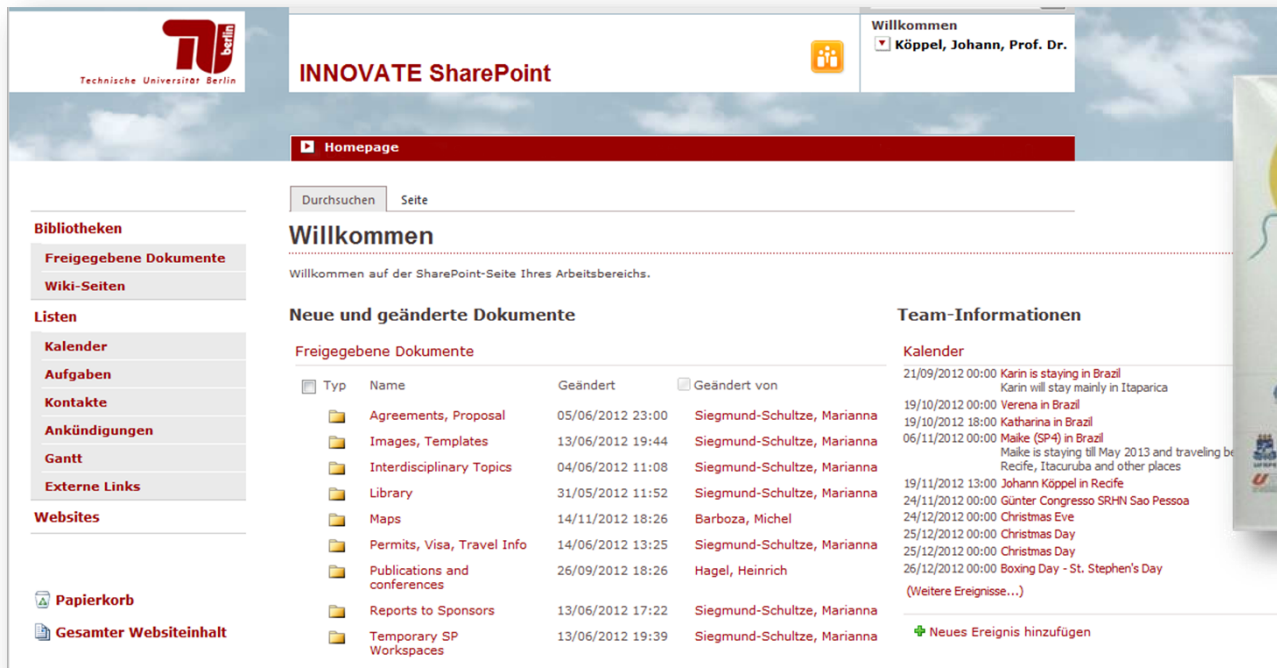


INNOVATE Research Profile

Research question	Which governance options promote sustainable ecosystem services and economic viability under climate change conditions?
Research program	German BMBF Research Program “Sustainable Land Management” www.modul-a.nachhaltiges-landmanagement.de
Drivers	Watershed management, hydroelectricity usage, climate change
Indicators	Biodiversity patterns, economic efficiency, nutrient balances, water use efficiency, C dynamics, stakeholder approval
Methods	Surveys, monitoring, experiments, modeling, scenarios, constellation analysis
Study site	São Francisco River watershed Itaparica hydroelectric reservoir region
Area	Macro level: 377.000 km ²
Duration	January 2012 – December 2016



ca. 100 Brazilian and German researchers
cooperating – interdisciplinary approach



Technische Universität Berlin

INNOVATE SharePoint

Willkommen
Köppel, Johann, Prof. Dr.

Homepage

Durchsuchen Seite

Willkommen
Willkommen auf der SharePoint-Seite Ihres Arbeitsbereichs.

Neue und geänderte Dokumente

Freigegebene Dokumente

Typ	Name	Geändert	Geändert von
Agreements, Proposal		05/06/2012 23:00	Siegmund-Schultze, Marianna
Images, Templates		13/06/2012 19:44	Siegmund-Schultze, Marianna
Interdisciplinary Topics		04/06/2012 11:08	Siegmund-Schultze, Marianna
Library		31/05/2012 11:52	Siegmund-Schultze, Marianna
Maps		14/11/2012 18:26	Barboza, Michel
Permits, Visa, Travel Info		14/06/2012 13:25	Siegmund-Schultze, Marianna
Publications and conferences		26/09/2012 18:26	Hagel, Heinrich
Reports to Sponsors		13/06/2012 17:22	Siegmund-Schultze, Marianna
Temporary SP Workspaces		13/06/2012 19:39	Siegmund-Schultze, Marianna

Team-Informationen

Kalender

21/09/2012 00:00 Karin is staying in Brazil
Karin will stay mainly in Itaparica

19/10/2012 00:00 Verena in Brazil

19/10/2012 18:00 Katharina in Brazil

06/11/2012 00:00 Malke (SP-4) in Brazil
Malke is staying till May 2013 and traveling between Recife, Itacuruba and other places

19/11/2012 13:00 Johann Köppel in Recife

24/11/2012 00:00 Günter Congresso SRH-N Sao Pessoa

24/12/2012 00:00 Christmas Eve

25/12/2012 00:00 Christmas Day

26/12/2012 00:00 Boxing Day - St. Stephen's Day

(Weitere Ereignisse...)

Neues Ereignis hinzufügen

Bibliotheken

Freigegebene Dokumente

Wiki-Seiten

Listen

Kalender

Aufgaben

Kontakte

Ankündigungen

Gantt

Externe Links

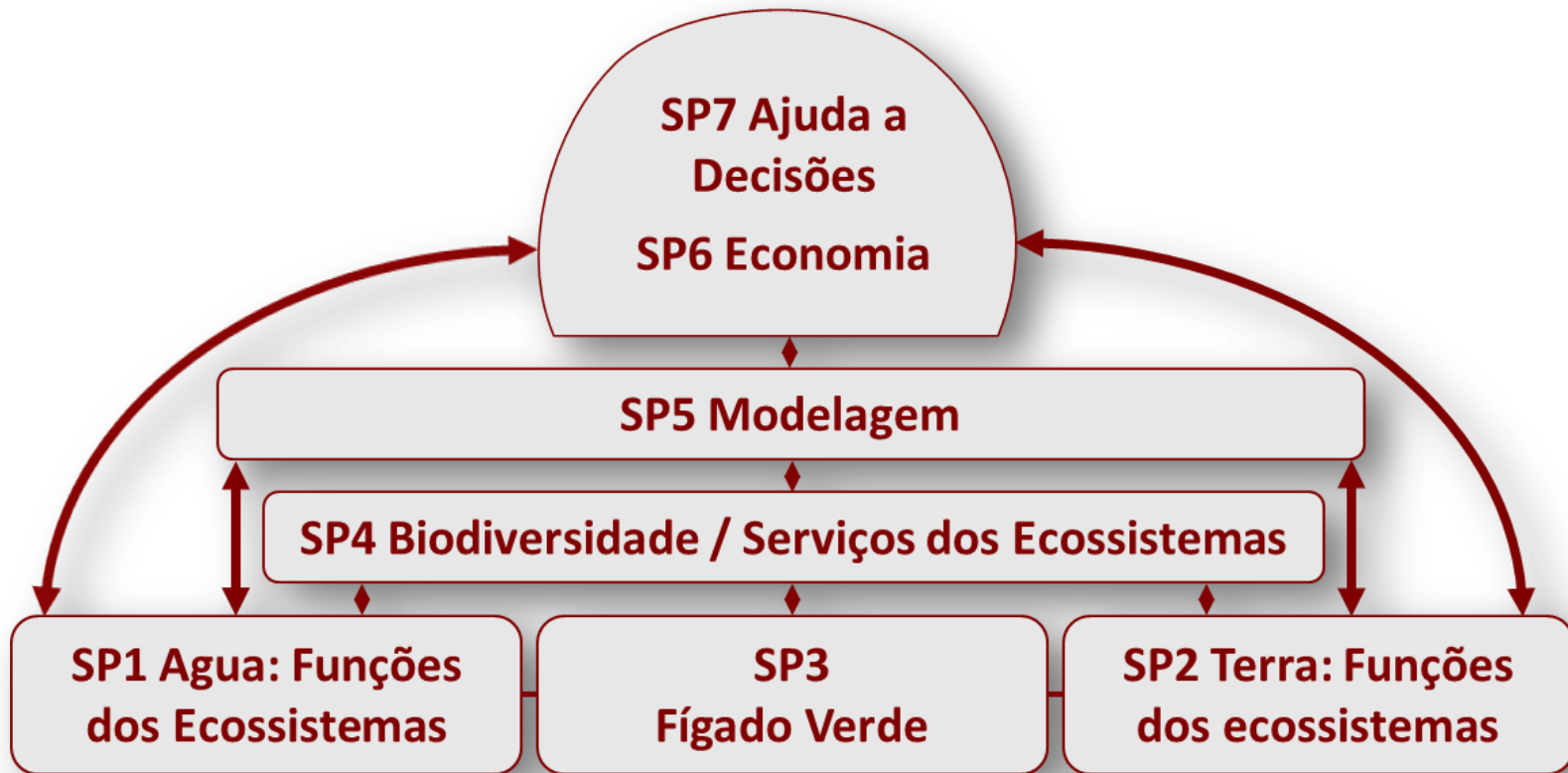
Websites

Papierkorb

Gesamter Websiteinhalt



Cooperação entre cientistas



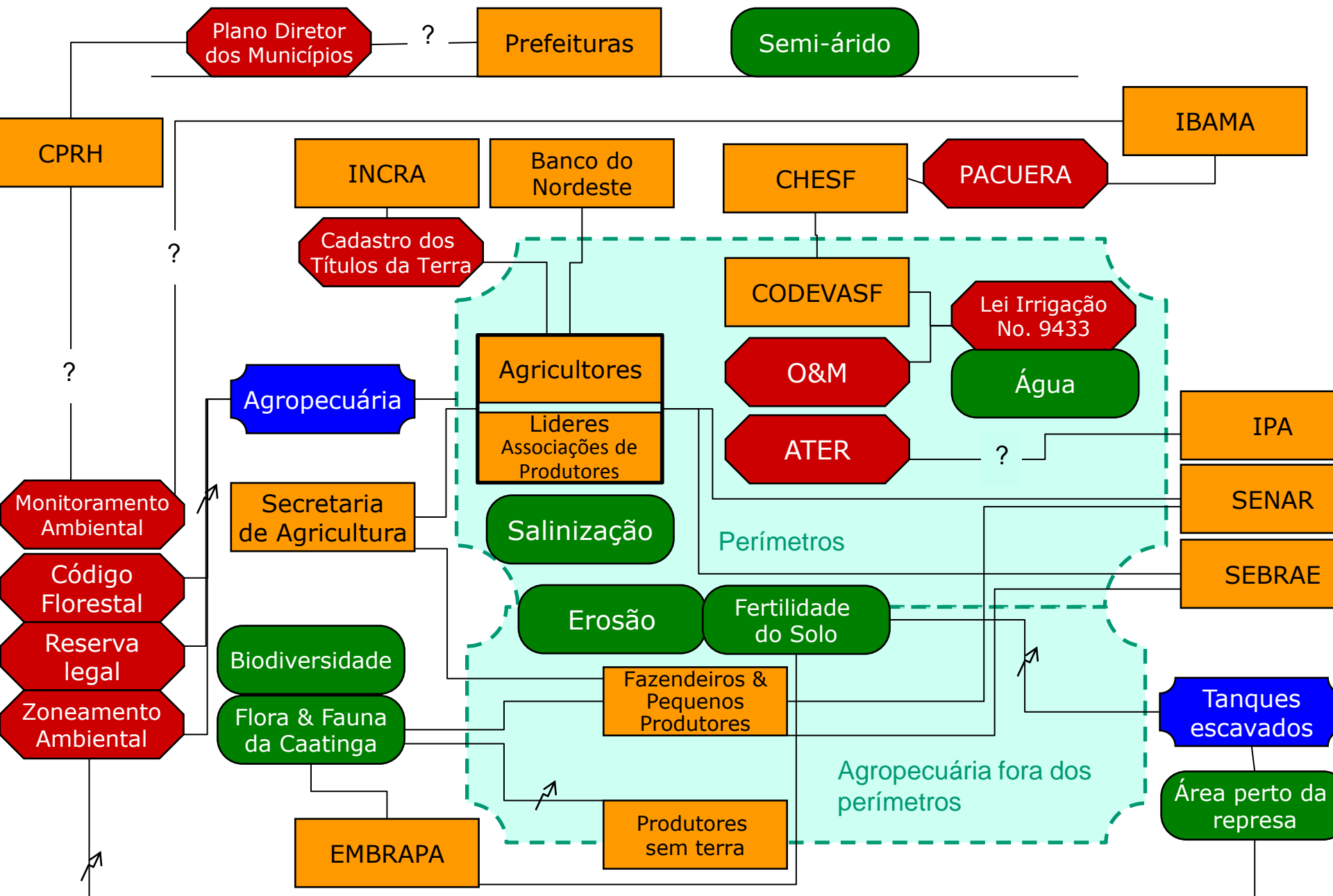
INNOVATE Expected Outcomes



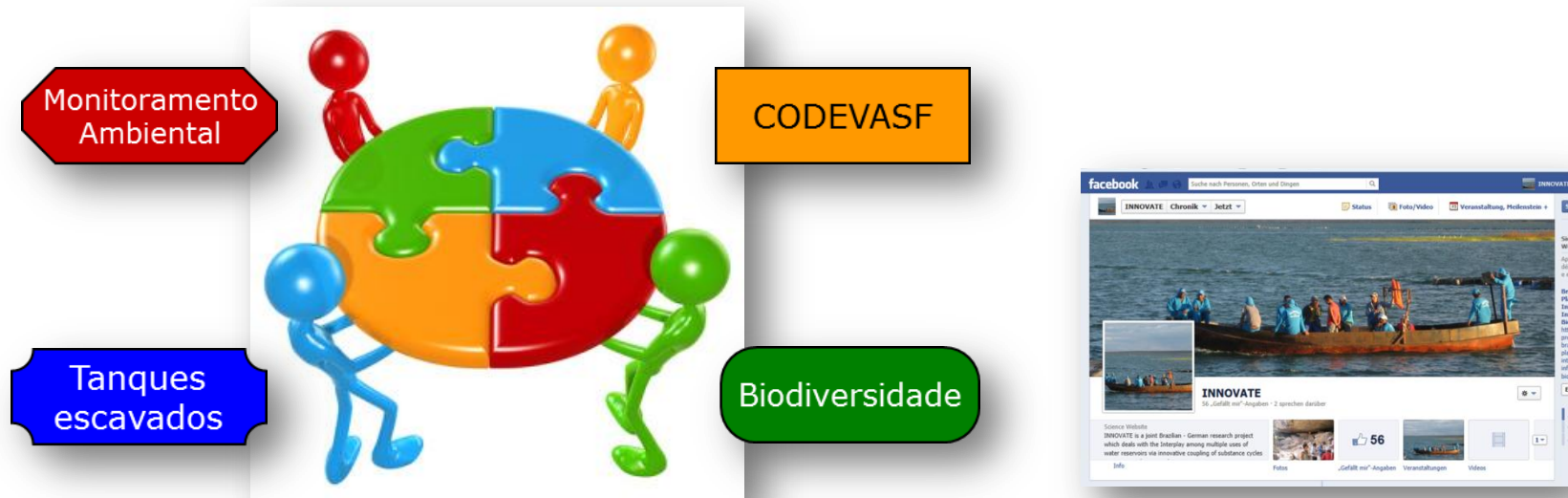
INNOVATE Sub-Project		Expected Outcomes
SP 1	Aquatic Ecosystem Functions	Water quality management in reservoirs in semi-arid regions
SP 2	Terrestrial Ecosystem Functions	Soil quality improvement in semi-arid areas / Innovative crop rotations and livestock systems
SP 3	Green Liver	Innovative water purification systems (macrophytes based)
SP 4	Biodiversity & Biotic Ecosystem Services	Caatinga biome conservation and management, also under improved terrestrial ecosystem functions
SP 5	Modelling	(Mitigation and) Adaptation measures of water and land management to climate change
SP 6	Economy	Socio-economic development on different scales, cost-benefit analyses
SP 7	Decision Support Approach	Stakeholder involvement, capacity building, policy implementation, sustainable reservoir management

Manejo da Terra – análise da situação

23 de Outubro 2012



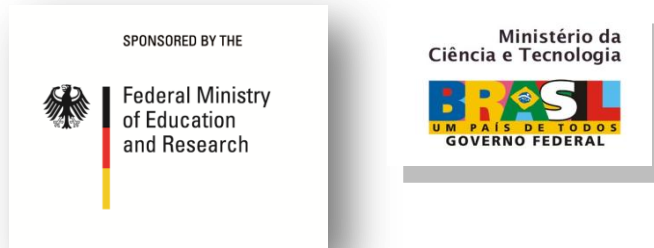
Cooperação com instituições e grupos da região – **transdisciplinary approach**



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SENCKENBERG
world of biodiversity



www.innovate.tu-berlin.de



<http://www.facebook.com/innovate2012>


Muito obrigado !



Technische Universität Berlin - Projeto INNOVATE

DFG Research Units, e.g. UCaHS





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- Faculty VI
- Department of Ecology

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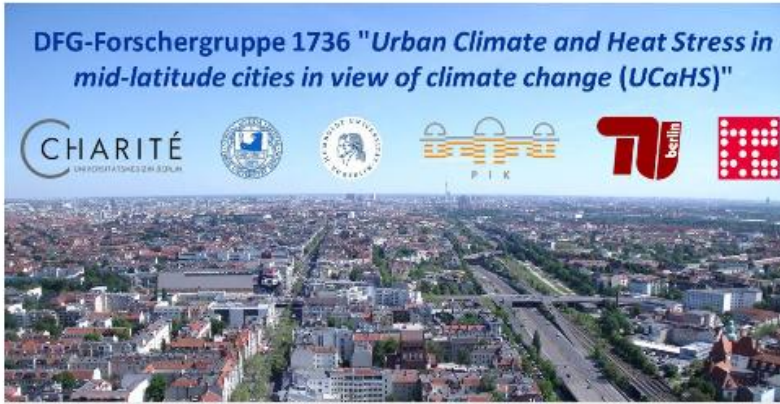
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Department of Ecology Chair of Climatology

DFG RESEARCH UNIT 1736 URBAN CLIMATE AND HEAT STRESS IN MIT-LATITUDE CITIES IN VIEW OF CLIMATE CHANGE (UCAHS)



DFG-Forschergruppe 1736 "Urban Climate and Heat Stress in mid-latitude cities in view of climate change (UCAHS)"

DFG Research Unit UCaHS
© Department of Ecology

The DFG Research Unit address the complex scientific questions related to heat

Research Module 3: Vulnerability to heat stress

Sub-projects

Medical Vulnerability: Prof. Dr. Christian Witt (Charité)
[summary](#)

Urban Vulnerability: Prof. Dr. Tobia Lakes (HUB)
[summary](#)

Research Module 4: Climate responsive buildings

Sub-projects

Building green: Prof. Dr. Gerd Wessolek (TUB)
[summary](#)

Building designs: Prof. Claus Steffan (TUB)*
[summary](#)

Building technologies: Prof. Dr. Felix Ziegler (TUB)
[summary](#)

Research Module 5: Urban system

Sub-projects

Constellations: Prof. Dr. Johann Köppel (TUB) und Prof. Dr. Birgit Kleinschmit (FUB)
[summary](#)

Urban patterns: Prof. Dr. Birgit Kleinschmit (TUB)
[summary](#)

http://www.klima.tu-berlin.de/index.php?show=forschung_dch_ucahs&lan=en