

# Dr. CARSTEN THOMS

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## Profile

Science Manager with 8 years' experience in coordinating research & research training consortia (German Excellence Initiative Graduate School, German Collaborative Research Center – Transregio, Indonesian marine biodiversity network). Personal research background in environmental & biomedical sciences (awarded with the prestigious Feodor Lynen Postdoctoral Fellowship by the Alexander von Humboldt Foundation). Management of multi-disciplinary networks in Natural & Life Sciences and coordination of major grant proposals (e.g. two ~ € 9 Million consortium grants acquired). Strong intercultural and diplomatic competences gained e.g. through interactions with a broad range of stakeholders as well as through research stays in Southeast Asia, the USA, and several European countries.

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## Professional Work Experience

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- 09/2013 – now      **DAAD Long-Term Lecturer in Marine Science, Bogor Agricultural University, Indonesia**, funded by the German Academic Exchange Service (DAAD)
- Co-Founder and International Senior Advisor of the EMBRIO Network Initiative**, Indonesia ('*Enhancing Marine Biodiversity Research in IndOnesia*'); <http://embrio.ipb.ac.id>)
- 02/2008 – 08/2013      **Scientific Manager of the Graduate School 'Jena School for Microbial Communication (JSMC)'** ([www.jsmc.uni-jena.de](http://www.jsmc.uni-jena.de)) at the University of Jena, funded within the German Excellence Initiative
- Managing Coordinator of Funding Proposal for the Collaborative Research Center – Transregio 'FungiNet – Pathogenic Fungi and their Human Hosts: Networks of Interaction'** ([www.funginet.de](http://www.funginet.de)); awarded funding: ~ € 9 Million)
- Managing Coordinator of JSMC Renewal Proposal within the German Excellence Initiative** (awarded funding: ~ € 9 Million)
- Coordinator of the 'Mikrolnter' Program** funded within the ProExzellenz Initiative by the Free State of Thuringia, Germany
- 11/2007 – 01/2008      **Postdoctoral Research Associate** at the Research Center for Infectious Diseases, University of Würzburg, Germany
- 10/2004 – 10/2007      **Feodor Lynen Fellow / Postdoctoral Research Associate** at the Marine Laboratory of the University of Guam, USA
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## Academic Grants & Awards

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*'Return Grant - Germany'* by the Alexander von Humboldt Foundation (2007-2008)  
*Feodor Lynen Fellowship* by the Alexander von Humboldt Foundation (2004-2007)  
*DAAD Postdoc Fellowship* by the German Academic Exchange Service (2004)  
*Marie Curie Host Fellowship* by the European Commission (2003)

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## Education

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- 01/2001 – 06/2004    **PhD** (Dr. rer. nat.) at the Institute of Pharmaceutical Biology & Biotechnology, University of Düsseldorf, Germany
- Marie Curie Fellowship stay at the University of Naples, Italy (3 months)
  - Research stay at the University of Kerala, India (6 weeks)
  - Several short-term research stays in Italy, France & Croatia
- 02/2000 – 12/2000    **MSc Biology** at the University of Bremen, Germany
- 1998 – 2000            **Advanced Study Period (Marine Biology, Zoology, Ecology)**, University of Bremen, Germany
- 1995 – 1998            **Basic Study Period Biology**, Karlsruhe Institute of Technology, Germany
- 1995                    **Study of Business Management** at the University of Applied Sciences Albstadt-Sigmaringen
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## Summary of Main Professional Activities

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### as DAAD Long-Term Lecturer at the Bogor Agricultural University, Indonesia (since 09/2013)

#### **Network Initiative ‘EMBRIO – Enhancing Marine Biodiversity Research in IndOnesia’**

- ⇒ vision & mission defined, research agenda and organizational structure established; structural funds acquired (~ € 14k); strategic partnerships with institutes from Germany, New Zealand, and UK initiated; national & international workshops and symposia held (see <http://embrio.ipb.ac.id>)

#### **Capacity Building for Indonesian Young Researchers**

- ⇒ career training program ‘MST Career – Career Skills for Internationally Competitive Scientists’ established (see [www.mstcareer.info](http://www.mstcareer.info)); tri-national field course with international partners launched; research stays abroad for Indonesian early-career researchers initiated; co-supervision of graduate students

#### **Research in Coral Reef Ecology & Conservation**

- ⇒ MoUs between the University of Bogor and two German universities initiated; research funds acquired together with Indonesian and German partners (~ € 70k); bi-national project on ‘Coral Reefs in Transition’ launched; papers in international journals published

#### **Undergraduate & Graduate Courses in Marine Science**

- ⇒ lectures on Bioprospecting, Chemical Ecology, Biodiversity, Biogeography

#### **Advisory & Reviewer Activities**

- ⇒ advisor on German-Indonesian DAAD Scholarship Program “Biodiversity & Health” and for the Bogor University )international study program accreditation, international students, international publishing activities); Review board member DAAD PhD scholarships; editorial board member ‘Journal for Marine Science & Technology’

**as Scientific Manager of the Excellence Graduate School 'JSMC', University of Jena, Germany (02/2008 – 08/2013)**

**Network**

- ⇒ network of the Graduate School 'JSMC' established and managed: 17 institutes at 5 faculties of the University of Jena and the University Clinic, 6 non-university research institutions (Max Planck, Leibniz, Fraunhofer, Helmholtz), and 12 industry partners; umbrella organization for a Leibniz Research School, a Max Planck Research School, and a DFG Research Training Group ([www.jsmc.uni-jena.de](http://www.jsmc.uni-jena.de))
- ⇒ consortium for Collaborative Research Center - Transregio 'FungiNet' coordinated: 13 institutes at two universities and university clinics plus 6 research groups at Leibniz Institute ([www.funginet.de](http://www.funginet.de))

**Doctoral Training Program**

- ⇒ for >200 international doctoral researchers; scientific training program with methods and transferrable skills courses established and coordinated; Graduate School community and corporate identity promoted

**Scientific Events**

- ⇒ symposia, workshops, retreats, seminar series, and board meetings organized; annual international doctoral researcher conference established together with PhD students ([www.micom.uni-jena.de](http://www.micom.uni-jena.de))

**Recruitment of Doctoral Researchers and Staff**

- ⇒ recruitment process established and coordinated (2008-2013: ~ 9.000 applicants from 110 countries for 80 awarded scholarships)
- ⇒ administrative staff hired, recruitment for scientist positions coordinated

**Third-Party Funding Acquisition**

- ⇒ participation in writing and coordination of JSMC Renewal Proposal within the German Excellence Initiative (awarded funding: ~ €9 Million)
- ⇒ participation in writing and coordination of funding proposal for the Collaborative Research Center – Transregio 'FungiNet' (awarded funding: ~ €9 Million)

**Budget Planning & Control**

- ⇒ Graduate School 'JSMC' + MikroInter Program (total budget 2008-2013: € 8.6 Million)

**Laboratory/Office Building**

- ⇒ user representation in the construction and furnishing of a Graduate School building

**Public Relations**

- ⇒ website conceptualization, press relations, designing of presentation materials, representation at fairs and public events

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**Memberships**

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*Humboldt Network (Fellows of the Alexander von Humboldt Foundation)*

*Deutsche Gesellschaft der Humboldtianer e.V.*

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## Advanced Training (Course Participation)

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### DFG Forum 'Higher Education & Science Management'

Project Management & Team Building (2011), Preparing & Coordinating Evaluations (2010), Leadership, Motivation, Communication & Team Work (2010), Management of Interdisciplinary Research Consortia (2009), Conflict Management (2009), Finances & Budgeting (2008), Media & Public Relations (2008)

### Other Training Institutions

Media Training (SUSTAIN-EU-ASEAN, 2014), Intercultural Awareness (Academy for Internat. Collaboration (AIZ), 2013), International Collaboration (AIZ, 2013), Management of Third-Party Funded Projects (University Jena, 2011), Networking (Internat. DAAD Academy, 2010), Erasmus Mundus Program (DAAD, 2010), Budget Management in Collaborative Research Centers and Excellence Institutions (DFG, 2010), Communication, Conflict & Project Management (ZWM Speyer, 2009), 7<sup>th</sup> EU-FRP: ERC Researcher Grants (BMBF EU Office, 2009)

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## Additional Skills & Experiences

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<b>Languages:</b>	German (first language), English (fluent), French (good command), Italian & Bahasa Indonesia (basic communication skills)
<b>Leadership:</b>	Supervision of management assistants, student assistants, and students; coordination of coordinators of the research training groups embedded in the Graduate School
<b>Laboratory skills:</b>	chemoanalytics, microbiology, molecular biology; experience in setting up laboratories
<b>Organizing field excursions and conducting field studies</b>	
<b>Peer reviewer</b>	for scientific journals and funding organizations
<b>Software skills:</b>	Microsoft Office, image processing software, content management systems (TYPO3, Joomla, WordPress), literature databases, etc.)

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## Additional Information

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German citizen, currently resident in Indonesia. Married with two children.

Publications include articles in peer-reviewed international journals and book chapters.

**For publication record and further details please visit [www.carsten-thoms.net](http://www.carsten-thoms.net)**