

IWAS
Brazil
ÁGUA-DF



 **HELMHOLTZ**
CENTRE FOR
ENVIRONMENTAL
RESEARCH – UFZ

IWAS Água DF in the framework of international water research

Final Workshop - Project IWAS ÁGUA DF
Integrated Water Resources Management in Distrito Federal – DF
June 4-6, 2013



Funded by
Patrocinado por
 Federal Ministry
of Education
and Research





1

Research & Qualification in IWAS ÁGUA DF

➤ Postdoc

- ⇒ not supervised
- ⇒ employed by project

➤ Ph.D. thesis

- ⇒ supervised by Professor or Postdoc
- ⇒ employed by project

➤ Master/Diplom

- ⇒ supervised by Professor or Postdoc
- ⇒ student



1

Research & Qualification in IWAS ÁGUA DF

➤ **University**

⇒ **MSc courses**

⇒ **lectures**

⇒ **project studies**

➤ **external**

⇒ **UNEP course (CIPSEM)**

⇒ **lectures, e.g. SWAT, lab methods**



2

Some numbers ...

Degrees (ongoing/finalized)

- **Ph.D. thesis** **8/1**
- **Master/Diploma** **2/10**

Publications & Presentations

- **peer-reviewed (incl. submitted)** **11**
- **other** **19**

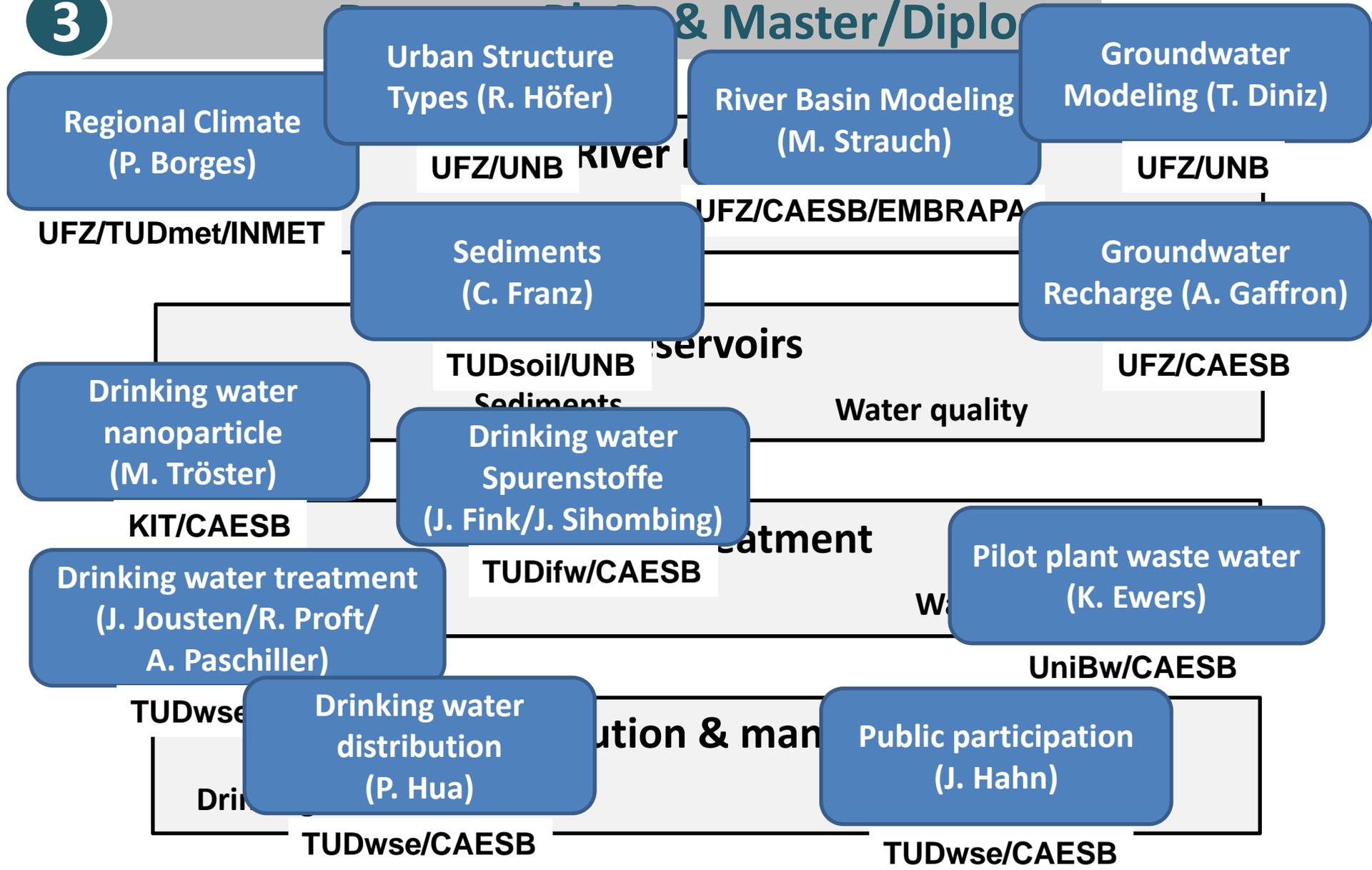
IWA Book “Integrated Water Resource Management in Central Brazil”

Oral presentations & Poster **41**



3

Water Quality & Master/Diplo





4

IWRM in five model regions worldwide





4

IWAS features

- **Helmholtz-Centre for Environmental Research - UFZ**
- **Dresden University of Technology**
- **Stadtentwässerung Dresden**
- **BMBF funding, Program „Spitzenforschung und Innovation in den neuen Bundesländern“**
- **IWAS I 08/2008 – 12/2010; 7.5 Mio. EUR**
- **IWAS II 01/2011 – 06/2013; 5.8 Mio. EUR**
- **50 funded scientists and 100 further scientists/technicians involved**



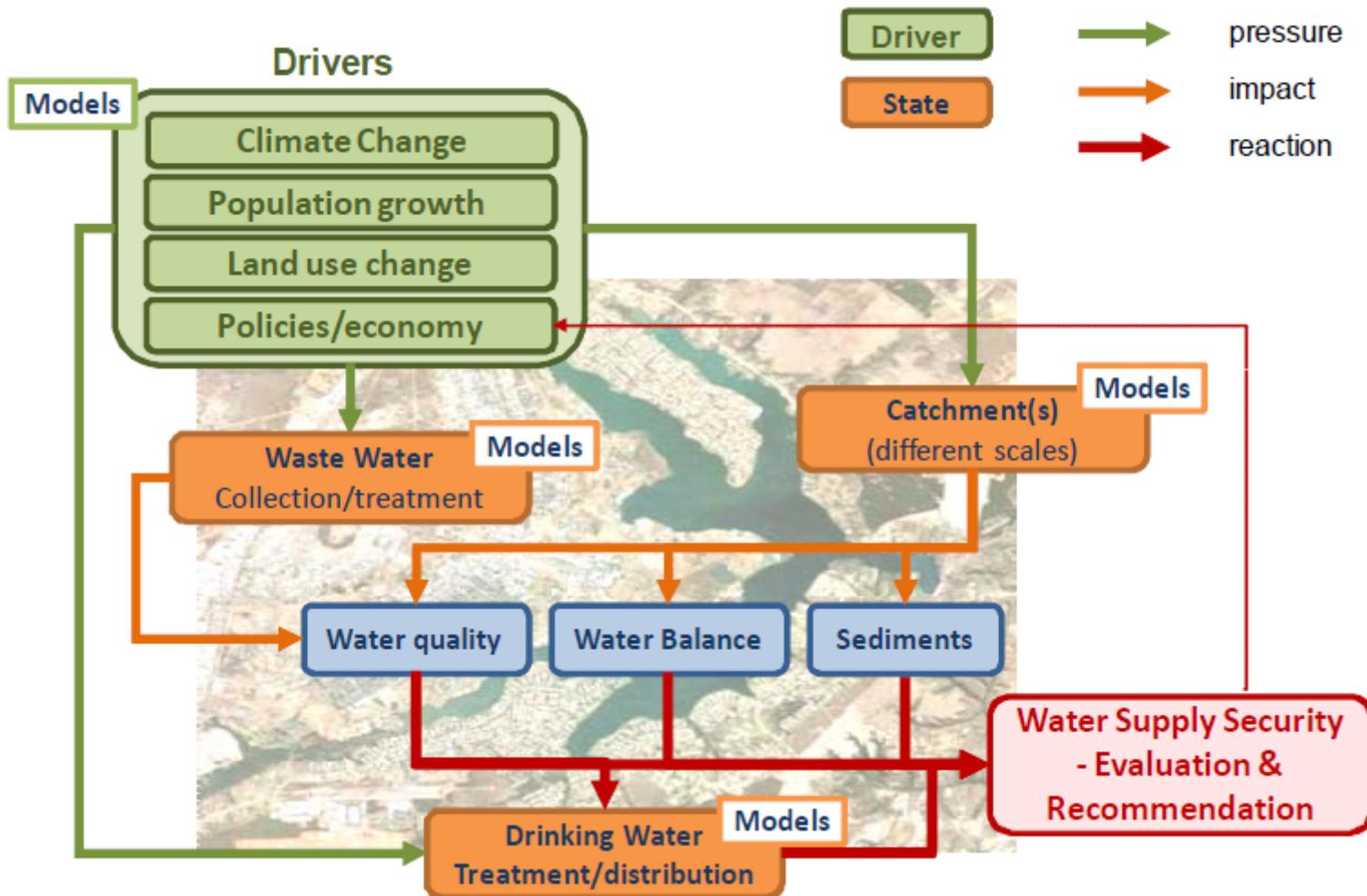
5

Scientific outcome

- **Scientific cooperations**
- **Scientific network: > 100 partner institutions**
- **> 40 peer-reviewed publications practical/user-oriented publication (guidelines/journals etc.) + analog/digital IWRM lecture series (E-learning modul)**
- **1 patent**
- **> 150 conference contributions**
- **Events, workshops, trade fairs, exhibitions**
- **Technology (hardware): multi-sensors; pilot plants, mobile lab**



6 IWAS ÁguaDF special features





7

IWAS ÁguaDF outlook – lessons learned

- **Transferability (Brazil and abroad)**
- **Environmental system/service research approach**
- **Technical and scientific capacity development**
- **Senior scientist, graduate and post-graduate student exchange**
- **“Ciências sem fronteiras” - also mentally**

