

Organizers



Partner



WORKSHOP

Sustainable Water Management in Mining and Post-Mining Landscapes

OCTOBER 1-5, 2018 • BELO HORIZONTE

AGENDA

30 September - Max Savassi Hotel

During the day	<i>Arrival of Participants</i>
18:30	Introduction Round
	Brief Presentation on Scientific Policy Advice
	Henning Steinicke, <i>German National Academy of Sciences Leopoldina</i>
19:00	Dinner

1 October - Mariana (MG)

Full day	Field Trip - Renova Foundation
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2 October - School of Engineering, Federal University of Minas Gerais

Opening Ceremony

09:00-09:30	Sandra Goulart Almeida, <i>Rector, Federal University of Minas Gerais</i> José Tundisi, <i>Brazilian Academy of Sciences</i> Peter Fritz, <i>German National Academy of Sciences Leopoldina</i> André Niemann, <i>Centre for Water and Environment Research at the University Duisburg-Essen</i>
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Session 1 | Scientific Perspectives

Facilitator: José Tundisi, *Brazilian Academy of Sciences*

09:30-10:00	Challenges for the Sustainability of Mining Territories in Minas Gerais, Brazil Virginia Ciminelli, <i>Brazilian Academy of Sciences and National Institute of Science and Technology on Mineral Resources, Water and Biodiversity</i>
10:00-10:30	Post-Mining - Strategies and Pathways Towards a Sustainable and Livable Environment André Niemann, <i>Centre for Water and Environment Research at University Duisburg-Essen</i>
10:30-11:00	Environmental modelling in support of sound policy development Bitaldo Soares Filho, <i>Federal University of Minas Gerais</i>
11:00-11:30	Requirements for Good Governance to Achieve the Objectives of an Integrated Water Management: Moving from Diagnosis of Governance Gaps to Building Governance Capacity Claudia Pahl-Wostl, <i>University of Osnabrück</i>

Session 2 | Overview Group Work: What Is Important?

11:30-12:00	Facilitators: Marcos Cortesão Barnsley Scheuenstuhl, <i>Brazilian Academy of Sciences</i> Jan Nissen, <i>German National Academy of Sciences Leopoldina</i> Henning Steinicke, <i>German National Academy of Sciences Leopoldina</i>
12:00-13:00	Lunch Break

Session 3 | Group Work and Plenary Discussion

13:00-15:30	Group Work Identification of 2 group rapporteurs, discussion of prepared questions within the three topics, participants have the chance to add further questions to discussion
15:30-16:00	Break
16:00-18:00	Presentation and Discussion of Results and Priorities in Plenum Facilitators: José Tundisi, <i>Brazilian Academy of Sciences</i> Peter Fritz, <i>German National Academy of Sciences Leopoldina</i>
19:00	Dinner

3 October - School of Engineering, Federal University of Minas Gerais

Session 4 | Continuation of Group Work

09:00-09:10	Compact Focus: What Is Important Today? Facilitators: Jan Nissen, <i>German National Academy of Sciences Leopoldina</i> Henning Steinicke, <i>German National Academy of Sciences Leopoldina</i>
09:10-10:00	Group Work Discussion of topics

10:00-10:15	<i>Break</i>
10:15-11:00	Group Work Discussion of topics
11:00-12:00	Group Work Discussion of results and policy recommendations
12:00-13:00	<i>Lunch Break</i>
13:00-14:00	Group Work Discussion of results and policy recommendations

Session 5 | Perspectives from External Experts

Facilitators: Virginia Ciminelli, *Brazilian Academy of Sciences and National Institute of Science and Technology on Mineral Resources, Water and Biodiversity*
 Francisco Barbosa, *Federal University of Minas Gerais and National Institute of Science and Technology on Mineral Resources, Water and Biodiversity*

14:00-16:00	Mitigating Environmental Risks in Mining Tatiana Heid Furley, <i>APLYSIA Soluções Ambientais</i> ; Sustainable Water Management in Mining and Post-Mining Landscapes: The “Quadrilátero Ferrífero” Case Wilfred Brandt, <i>Brandt Meio Ambiente</i> ; Water Management and Mine Closure - Kinross Brasil Case Alessandro Nepomuceno, <i>Kinross</i>
16:00-16:30	<i>Break</i>

Session 6 | Plenary Discussion

Facilitators: José Tundisi, *Brazilian Academy of Sciences*
 Peter Fritz, *German National Academy of Sciences Leopoldina*

16:30-18:00	Discussion of Group Work, Results and Priorities in Plenum
19:00	<i>Dinner</i>

4 October - School of Engineering, Federal University of Minas Gerais

Session 7 | Writing of Text Components

09:00-09:10	Compact Focus: What Is Important Today? Facilitators: Jan Nissen, <i>German National Academy of Sciences Leopoldina</i> Henning Steinicke, <i>German National Academy of Sciences Leopoldina</i>
09:10-10:00	Writing of Text Components
10:00-10:15	<i>Break</i>
10:15-12:00	Writing of Text Components
12:00-13:00	<i>Lunch Break</i>
13:00-15:00	Writing of Text Components
15:00-15:30	<i>Break</i>

Session 8 Plenary Session and Writing of Executive Summary

Facilitators: Jan Nissen, *German National Academy of Sciences Leopoldina*

Henning Steinicke, *German National Academy of Sciences Leopoldina*

15:30-18:00

Proofreading and Editing in Plenum

Facilitators: Virginia Ciminelli, *Brazilian Academy of Sciences and National Institute of Science and Technology on Mineral Resources, Water and Biodiversity*
André Niemann, *Centre for Water and Environmental Research at University Duisburg-Essen*

15:30-18:00

Writing of Executive Summary (Parallel Session)

19:00

Dinner

5 October - Inhotim Institute

Session 9 | Plenary Session

Facilitators: Jan Nissen, *German National Academy of Sciences Leopoldina*

Henning Steinicke, *German National Academy of Sciences Leopoldina*

09:00-11:00

Proofreading and Editing of Texts and Executive Summary

11:00-11:30

Break

11:30-12:30

Continuation of Morning Session

Session 10 | Feedback and Outlook

Facilitators: Marcos Cortesão Barnsley Scheuenstuhl, *Brazilian Academy of Sciences*

Jan Nissen, *German National Academy of Sciences Leopoldina*

Henning Steinicke, *German National Academy of Sciences Leopoldina*

12:30-13:00

Coordination of Post-Workshop Tasks, Feedback and Outlook in Plenum

13:00-13:15

Concluding Remarks by ABC, Leopoldina, ZWU and INCT-Acqua

13:15-14:15

Lunch Break

Afternoon

Visit to the Inhotim Institute, Brumadinho (MG)

6 October

During the day

Departure of Participants

Support



INHOTIM

Institutional Members of BAS



MINISTÉRIO DA
CIÉNCIA, TECNOLOGIA,
INovaçõEs E COMunicaçõEs
GOVERNO FEDERAL