

## Propositions

1. Cultural ecological knowledge is an important asset to participation and engagement of communities in the scope of integrated water resources management in volcanic river basins (chapter 4, 5, 8)
2. The legitimate use of cultural ecological knowledge is a necessary precondition to face challenges in a volcanic river basin in an effective and efficient way
3. A holistic approach to water governance implies the integration of water-related disaster management strategies into the current water management practices (chapter 5, 6, and 7)
4. Volcanic river basin management combines water, lahar, and volcano management under one approach (chapter 7 and this thesis)
5. We cannot be fully prepared to a disaster; therefore flexibility is needed in resilience strategies
6. Improvement in integrated lahar management should recognize the actors in post-eruption to manage lahar resources potential more sustainably
7. Combinations of different kinds of knowledge are needed for more sustainable and resilient water management
8. The priority playing field for volcanic river basin management is located within the regional level (this thesis)
9. Boundary spanning actors are successful when they can bridge different boundaries and represent them with balanced interest
10. A whispering boundary spanner acts with caution, nudges softly, but imprints deep into the network of interaction attempts and catalyzing follow-ups (chapter 7 and 8)
11. Love what you do and do what you love; this motto will fulfill your life to the fullest.