



Universitas Gadjah Mada
Faculty of Engineering
Master of Engineering in Natural Disaster Management
<http://mtpba.ft.ugm.ac.id/en/>

Course Outline

Drought, Flood, and Debris Flow DRR

Course contents (2nd part)

- Introduction to DRR
- Disaster Preparedness and Resilience
- Flood and Debris Flow
- Flood Disaster Risk Reduction
- Debris Flow Disaster Risk Reduction

Course materials (2nd part)

- Introduction to DRR
 - <http://www.unisdr.org/who-we-are/what-is-drr>
- Disaster preparedness and resilience
 - HFA 2005-2015: Building the Resilience of Nations and Communities to Disasters
 - idem. Disaster Preparedness for Effective Response
 - Sendai Framework for Disaster Risk Reduction 2015-2030
- Flood Disaster Risk Reduction
 - pptx file on Flood Disaster Mitigation
- Debris Flow Disaster Risk Reduction
 - pptx file on Debris Flow Disaster Mitigation
 - <http://www.sabo-int.org/dott/>

Course timetables (2nd part)

- Class readings
- Class presentations
- Essays
- Field work (to be decided later)

Course timetables (2nd part)

Week 1

- Introduction to DRR

Week 2

- Disaster preparedness and resilience

Week 3-4

- Flood disaster risk reduction

Week 5

- Site visit (before Ramadan)

Week 6-7

- Debris flow disaster risk reduction

Continued