

MAS NATHAZ – Natural Hazards Management

Lecture Plan AS 2010

Master of Advanced Studies in Natural Hazards Management

Department of Civil, Environmental and Geomatic Engineering, ETH Zürich

	Module	Credit Points	Time	Responsible
AS 2010	Risk assessment	2	AS 2010: 30 h	Prof. M. H. Faber
	Project work – Case 2	2	AS 2010: 30 h	Prof. M. H. Faber
	Protection/prevention measures	1	AS 2010: 15 h	Prof. S. M. Springman
	Consequence modeling	2	AS 2010: 30 h	Prof. M. H. Faber
	Planning, preparedness, early warning and damage reduction	2	AS 2010: 30 h	Dr. A. Kos
	Damages to the built environment	1	AS 2010: 15 h	Prof. T. Vogel
	Risk management	2	AS 2010: 30 h	Prof. M. Siegrist
Total AS 2010		12	180 h	

Administration	Head	Study coordination
M. Neuhaus Institute of Structural Engineering HIL E 13.3 Wolfgang-Pauli-Strasse 15 CH-8093 Zürich Tel.: +41 44 633 66 69 neuhaus@ibk.baug.ethz.ch	Prof. Dr. M.H. Faber Institute of Structural Engineering HIL E 14.1 Wolfgang-Pauli-Strasse 15 CH-8093 Zürich Tel.: +41 44 633 31 17 faber@ibk.baug.ethz.ch	Dr. M. Schubert Institute of Structural Engineering HIL E 22.2 Wolfgang-Pauli-Strasse 15 CH-8093 Zürich Tel.: +41 44 633 61 09 schubert@ibk.baug.ethz.ch

AS 2010 / Lecture Week 1 / Week 39

27.09.2010 - 01.10.2010

Lesson	Time	Monday	Tuesday	Wednesday	Thursday	Friday
0	07:10 - 07:55					
1	08:00 - 08:45	Consequence Modelling HIL H 35.1 Prof. M. H. Faber	Damages to build environment HIL H 35.1 Prof. T. Vogel	Damages to build environment HIL H 35.1 Prof. T. Vogel	Damages to build environment HIL H 35.1 Prof. T. Vogel	Planning and preparedness Land use planning HIL H 35.1 Dr. A. Pozzi
2	09:00 - 09:45					
3	10:00 - 10:45	Planning and preparedness Introduction HIL H 35.1 Dr. A. Kos	Risk assessment HIL H 35.1 Prof. M. H. Faber	Consequence Modelling HIL H 35.1 Prof. M. H. Faber		
4	11:00 - 11:45					
5	12:45 - 13:30	Risk assessment HIL H 35.1 Prof. M. H. Faber	Consequence Modelling HIL H 35.1 Prof. M. H. Faber	Risk assessment HIL H 35.1 Prof. M. H. Faber	Planning and preparedness Intro EconoMe HIL H 35.1 Dr. M. Bründl	Risk assessment HIL H 35.1 Prof. M. H. Faber
6	13:45 - 14:30					
7	14:45 - 15:30		Planning and preparedness Excercise land use HIL H 35.1 Dr. A. Kos	Planning and preparedness Policy regulation HIL H 35.1 Dr. A. Kos	Planning and preparedness EconoMe close up HIL H 35.1 Dr. A. Kos	Consequence Modelling HIL H 35.1 Prof. M. H. Faber
8	15:45 - 16:30					
9	16:45 - 17:30				Risk assessment HIL H 35.1 Prof. M. H. Faber	
10	17:45 - 18:30					

AS 2010 / Lecture Week 2 / Week 41

11.10.2010 - 15.10.2010

Lesson	Time	Monday	Tuesday	Wednesday	Thursday	Friday
0	07:10 - 07:55					
1	08:00 - 08:45	Consequence Modelling HIL H 35.1 Prof. M. H. Faber	Planning and preparedness Early warning HIL H 35.1 Dr. M. Bründl	Planning and preparedness HIL H 35.1 Dr. A. Kos		Damages to build environment HIL H 35.1 Prof. T. Vogel
2	09:00 - 09:45					
3	10:00 - 10:45		Planning and preparedness People centred HIL H 35.1 Dr. A. Kos	Risk assessment HIL H 35.1 Prof. M. H. Faber	Damages to build environment HIL H 35.1 Prof. T. Vogel	Planning and preparedness EconoMe / Case HIL H 35.1 Dr. B. Krummenacher
4	11:00 - 11:45					
5	12:45 - 13:30	Risk assessment HIL H 35.1 Prof. M. H. Faber	Consequence Modelling HIL H 35.1 Prof. M. H. Faber	Damages to build environment HIL H 35.1 Prof. T. Vogel	Consequence Modelling HIL H 35.1 Prof. M. H. Faber	
6	13:45 - 14:30					
7	14:45 - 15:30	Risk management HIL H 35.1 Prof. M. Siegrist	Risk assessment HIL H 35.1 Prof. M. H. Faber	Consequence Modelling HIL H 35.1 Prof. M. H. Faber	Risk assessment HIL H 35.1 Prof. M. H. Faber	Risk assessment HIL H 35.1 Prof. M. H. Faber
8	15:45 - 16:30			Protection measures HIL H 35.1 Prof. S.M. Springman		
9	16:45 - 17:30					
10	17:45 - 18:30					

AS 2010 / Lecture Week 3 / Week 45
8.11.2010 - 12.11.2010

Lesson	Time	Monday	Tuesday	Wednesday	Thursday	Friday
0	07:10 - 07:55					
1	08:00 - 08:45	Risk assessment HIL H 35.1 Prof. M. H. Faber	Risk management HIL H 35.1 Prof. M. Siegrist	Risk management HIL H 35.1 Prof. M. Siegrist	Project Work 2 HIL H 35.1 Prof. M. H. Faber	Risk management HIL H 35.1 Prof. M. Siegrist
2	09:00 - 09:45				Risk management HIL H 35.1 Prof. M. Siegrist	
3	10:00 - 10:45	Project Work 2 HIL H 35.1 Prof. M. H. Faber	Project Work 2 HIL H 35.1 Prof. M. H. Faber			Consequence Modelling HIL H 35.1 Prof. M. H. Faber
4	11:00 - 11:45			Risk management HIL H 35.1 Prof. M. Siegrist	Consequence Modelling HIL H 35.1 Prof. M. H. Faber	
5	12:45 - 13:30	Project Work 2 HIL H 35.1 Prof. M. H. Faber	Protection measures HIL H 35.1 Prof. S.M. Springman			
6	13:45 - 14:30			Consequence Modelling HIL H 35.1 Prof. M. H. Faber	Project Work 2 HIL H 35.1 Prof. M. H. Faber	Protection measures HIL H 35.1 Prof. S.M. Springman
7	14:45 - 15:30	Project Work 2 HIL H 35.1 Prof. M. H. Faber	Protection measures HIL H 35.1 Prof. S.M. Springman			
8	15:45 - 16:30			Protection measures HIL H 35.1 Prof. S.M. Springman		
9	16:45 - 17:30	Consequence Modelling HIL H 35.1 Prof. M. H. Faber				
10	17:45 - 18:30					

AS 2010 / Lecture Week 4 / Week 48
29.11.2010 - 03.12.2010

Lesson	Time	Monday	Tuesday	Wednesday	Thursday	Friday		
0	07:10 - 07:55							
1	08:00 - 08:45	Consequence Modelling HIL H 35.1 Prof. M. H. Faber	Consequence Modelling HIL H 35.1 Prof. M. H. Faber	Protection measures HIL H 35.1 Prof. S.M. Springman	Project Work 2 HIL H 35.1 Prof. M. H. Faber	Project Work 2 HIL H 35.1 Prof. M. H. Faber		
2	09:00 - 09:45							
3	10:00 - 10:45	Protection measures HIL H 35.1 Prof. S.M. Springman	Risk management HIL H 35.1 Prof. M. Siegrist	Risk management HIL H 35.1 Prof. M. Siegrist	Risk management HIL H 35.1 Prof. M. Siegrist			
4	11:00 - 11:45							
5	12:45 - 13:30		Risk assessment HIL H 35.1 Prof. M. H. Faber					
6	13:45 - 14:30	Risk management HIL H 35.1 Prof. M. Siegrist	Project Work 2 HIL H 35.1 Prof. M. H. Faber	Consequence Modelling HIL H 35.1 Prof. M. H. Faber	Risk management HIL H 35.1 Prof. M. Siegrist			
7	14:45 - 15:30							
8	15:45 - 16:30							
9	16:45 - 17:30						Planning and preparedness RiskPlan HIL H 35.1 C. Willi	Planning and preparedness Policy guidelines HIL H 35.1 Dr. H. Raetzo
10	17:45 - 18:30							