

MAS NATHAZ – Natural Hazards Management

Lecture Plan AS 2009

Master of Advanced Studies in Natural Hazards Management

Department of Civil, Environmental and Geomatic Engineering, ETH Zürich

	Module	Credit Points	Time	Responsible
AS 2009	Introduction and Case study 1	2	AS 2009: 30 h	Prof. M. H. Faber
	Statistics and probability	2	AS 2009: 30 h	Prof. M. H. Faber
	Hazard processes	2	AS 2009: 30 h	Prof. S. M. Springman
	Data acquisition and mapping	2	AS 2009: 30 h	Prof. L. Hurni
	Societal & cultural aspects in risk management	1	AS 2009: 16 h	Prof. K. Seeland
	Societal & cultural aspects in risk management (advanced)	3	AS 2009: 45 h	Prof. K. Seeland
Total AS 2009		12	181 h	

Administration	Head	Study coordination
P. Zaniboni Institute of Structural Engineering HIL E 23.2 Wolfgang-Pauli-Strasse 15 CH-8093 Zürich Tel.: +41 44 633 66 69 zaniboni@ibk.baug.ethz.ch	Prof. Dr. M.H. Faber Institute of Structural Engineering HIL E 23.3 Wolfgang-Pauli-Strasse 15 CH-8093 Zürich Tel.: +41 44 633 31 17 faber@ibk.baug.ethz.ch	M. Schubert Institute of Structural Engineering HIL E 22.3 Wolfgang-Pauli-Strasse 15 CH-8093 Zürich Tel.: +41 44 633 61 09 schubert@ibk.baug.ethz.ch

AS 2009 / Lecture Week 1 / Week 40							
28.09.2009 - 02.10.2009							
Lesson	Time	Monday	Tuesday	Wednesday	Thursday	Friday	
0	07:10 - 07:55						
1	08:00 - 08:45	Introduction to the MAS NATHAZ HIL H 35.1 Prof. M.H. Faber	Hazards HIL H 35.1 Prof. S.M. Springman	Hazards HIL H 35.1 Prof. R. Knutti	Data aquisition and GIS HIL H 35.1 Prof. H. Ingensand	Hazards HIL H 35.1 Dr. D. Fäh	
2	09:00 - 09:45						
3	10:00 - 10:45		Statistics HIL H 35.1 Prof. M.H. Faber	Societal & cultural aspects HIL H 35.1 Prof. K. Seeland	Statistics Excercises HIL H 35.1 Prof. M.H. Faber		
4	11:00 - 11:45						
5	12:45 - 13:30			Data aquisition and GIS HIL H 35.1 Prof. H. Ingensand	Hazards HIL H 35.1 Dr. C. Romppainen	Data aquisition and GIS HIL H 35.1 Prof. H. Ingensand	
6	13:45 - 14:30						
7	14:45 - 15:30						
8	15:45 - 16:30			Societal & cultural aspects (Advanced) HIL H 35.1 Prof. K. Seeland	Hazards HIL H 35.1 Prof. U. Lohmann	Societal & cultural aspects (Advanced) HIL H 35.1 Dr. K. Warner	Societal & cultural aspects HIL H 35.1 Dr. R. Bokusheva
9	16:45 - 17:30				Statistics HIL H 35.1 Prof. M.H. Faber	Societal & cultural aspects (Advanced) HIL H 35.1 Dr. R. Bokusheva	
10	17:45 - 18:30						

AS 2009 / Lecture Week 2 / Week 44 26.10.2009 - 30.10.2009							
Lesson	Time	Monday	Tuesday	Wednesday	Thursday	Friday	
0	07:10 - 07:55	Field Trip Engelberg Prof. M.H. Faber					
1	08:00 - 08:45			Societal & cultural aspects (Advanced) HIL H 35.1 Dr. R. Finger	Societal & cultural aspects (Advanced) HIL H 35.1 Prof. K. Seeland	Data aquisition and GIS Excercise Photogrammetry HIL H 35.1	
2	09:00 - 09:45						
3	10:00 - 10:45			Case Study 1 HIL H 35.1 Prof. M.H. Faber	Hazards HIL H 35.1 Prof. R. Knutti	Statistics Excercise HIL H 35.1 Prof. M.H. Faber	Case Study 1 HIL H 35.1 Prof. M.H. Faber
4	11:00 - 11:45						
5	12:45 - 13:30			Statistics HIL H 35.1 Prof. M.H. Faber	Hazards HIL H 35.1 Dr. Romppainen	Data aquisition and GIS HIL H 35.1 Dr. E. Baltsavias	Societal & cultural aspects (Advanced) HIL H 35.1 Dr. K. Warner
6	13:45 - 14:30						
7	14:45 - 15:30			Societal & cultural aspects (Advanced) HIL H 35.1 Prof. K. Seeland	Hazards HIL H 35.1 Prof. U. Lohmann	Data aquisition and GIS HIL H 35.1 Dr. E. Baltsavias	Societal & cultural aspects HIL H 35.1 Prof. K. Seeland
8	15:45 - 16:30						
9	16:45 - 17:30			Data aquisition and GIS HIL H 35.1 Prof. H. Ingensand	Statistics Excercise HIL H 35.1 Prof. M.H. Faber		Hazards HIL H 35.1 Prof. P. Burlando
10	17:45 - 18:30						

AS 2009 / Lecture Week 3 / Week 47 16.11.2009 - 20.11.2009						
Lesson	Time	Monday	Tuesday	Wednesday	Thursday	Friday
0	07:10 - 07:55					
1	08:00 - 08:45	Data acquisition and GIS HIL H 35.1 Prof. L. Hurni	Statistics HIL H 35.1 Prof. M.H. Faber	Hazards HIL H 35.1 Prof. P. Burlando		Societal & cultural aspects (Advanced) HIL H 35.1 Dr. K. Warner
2	09:00 - 09:45					
3	10:00 - 10:45	Case Study 1 HIL H 35.1 Prof. M.H. Faber	Data acquisition and GIS HIL H 35.1 Dr. A. Kos	Societal & cultural aspects (Advanced) HIL H 35.1 Dr. R. Finger	Data acquisition and GIS HIL H 35.1 Dr. A. Kos	Hazards HIL H 35.1 Dr. D. Fäh
4	11:00 - 11:45					
5	12:45 - 13:30	Statistics HIL H 35.1 Prof. M.H. Faber			Societal & cultural aspects (Advanced) HIL H 35.1 Dr. K. Warner	
6	13:45 - 14:30					
7	14:45 - 15:30	Societal & cultural aspects HIL H 35.1 Prof. W. Kröger		Hazards HIL H 35.1 Prof. P. Burlando	Statistics Excercise HIL H 35.1 Prof. M.H. Faber	
8	15:45 - 16:30					
9	16:45 - 17:30	Societal & cultural aspects (Advanced) HIL H 35.1 Dr. K. Warner	Societal & cultural aspects (Advanced) HIL H 35.1 Dr. K. Warner			
10	17:45 - 18:30					

AS 2009 / Lecture Week 4 / Week 51 14.12.2009 - 18.12.2009							
Lesson	Time	Monday	Tuesday	Wednesday	Thursday	Friday	
0	07:10 - 07:55						
1	08:00 - 08:45	Data aquisition and GIS HIL H 35.1 Dr. C. Türker	Societal & cultural aspects HIL H 35.1 Dr. R. Finger	Societal & cultural aspects (Advanced) HIL H 35.1 Prof. W. Kröger	Statistics Exercise HIL H 35.1 Prof. M.H. Faber	Case Study 1 and closure of the AS 2009 HIL H 35.1 Prof. M.H. Faber	
2	09:00 - 09:45						
3	10:00 - 10:45	Societal & cultural aspects (Advanced) HIL H 35.1 Prof. K. Seeland	Data aquisition and GIS HIL H 35.1 Dr. A. Donaubaue	Societal & cultural aspects (Advanced) HIL H 35.1 Prof. K. Seeland	Data aquisition and GIS HIL H 35.1 Dr. I. Hajnsek		
4	11:00 - 11:45		Societal & cultural aspects (Advanced) HIL H 35.1 Prof. W. Kröger		Statistics Exercise HIL H 35.1 Prof. M.H. Faber		Societal & cultural aspects (Advanced) HIL H 35.1 Dr. R. Bokusheva
5	12:45 - 13:30						
6	13:45 - 14:30	Societal & cultural aspects HIL H 35.1 Prof. W. Kröger	Statistics HIL H 35.1 Prof. M.H. Faber	Data and GIS HIL H 35.1 Dr. A. Donaubaue			
7	14:45 - 15:30						
8	15:45 - 16:30						
9	16:45 - 17:30	Statistics HIL H 35.1 Prof. M.H. Faber		Hazards HIL H 35.1 Prof. P. Burlando			
10	17:45 - 18:30						