NHAZCA srl

SECOND INTERNATIONAL COURSE
ON GEOTECHNICAL AND
STRUCTURAL MONITORING

course SCHEDULE

4-5-6 June 2015 | Poppi, Tuscany (Italy)

Thursday, 4 June, 2015

●●●● Registration and Joint Breakfast	8:00-9:25	
A.1 **Welcome and Introduction**	9:25-9:45	John Dunnicliff & Paolo Mazzanti
A.2 Overview of Monitoring – Part 1	9:45-10:05	John Dunnicliff
A.3 Overview of Monitoring – Part 2	10:05-10:25	Paolo Mazzanti
A.4 Introduction of Participants and Exhibitors	10:25-11:00	John Dunnicliff (moderator)
●●●● Coffee Break	11:00-11:30	
A.5 Welcome Addresses from Supporters	11:30-11:45	Paolo Mazzanti (moderator)
A.6 Systematic Approach to Planning Monitoring Programs, Illustrated by a Deep Excavation in a City	11:45-13:00	John Dunnicliff
●●●● Lunch Break	13:00-14:15	
B.1 Introduction to Contact Systems	14:15-14:30	John Dunnicliff
B.2 Hardware for Monitoring Groundwater Pressure: an Overview	14:30-15:30	Tony Simmonds
B.3 Fully-grouted Piezometers	15:30-15:50	Elmo DiBiagio
●●●● Coffee Break	15:50-16:20	
B.4 Hardware for Monitoring Deformation, Load and Strain: an Overview	16:20-17:35	Giorgio Pezzetti
●●●● **Welcome Party**	18:00	

Sessions "A": Basic concepts of geotechnical and structural monitoring
Sessions "B": Contact Monitoring
Sessions "C": Remote Monitoring

Sessions "D": Vibration monitoring, offshore monitoring and data transmission and management
Sessions "W": Monitoring Workshop.

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Friday, 5 June, 2015

●●●● Joint Breakfast	8:00-9:00	
B.5 Fiber-optic Methods for Monitoring Strain and Temperature	9:00-10:00	Daniele Inaudi
C.1 Introduction to Remote Systems	10:00-10:15	Paolo Mazzanti
●●●● Coffee Break	10:15-10:45	
C.2 Monitoring of Deformation by Topographic Systems	10:45-11:45	Martin Beth
C.3 Monitoring of Displacement by Radar Systems	11:45-12:45	Paolo Mazzanti
●●●● Lunch Break	12:45–14:00	
C.4 New frontiers in Remote Monitoring	14:00-14:20	Paolo Mazzanti
D.1 Fundamentals of Vibration Monitoring: Things to Consider	14:20-15:20	Bob Turnbull
D.2 Fundamentals of Wireless Monitoring: Things to Consider	15:20-15:40	Matthew Trenwith
D.3 Fundamentals of Automatic Data Acquisition Systems: Things to Consider	15:40-16:00	Rob Taylor
D.4 Web-based Data Management for Instrumentation	16:00-16:10	John Dunnicliff
●●●● Coffee Break	16:10-16:40	
D.5 Underwater Monitoring	16:40-17:40	Per Magnus Sparrevik

Sessions "A": Basic concepts of geotechnical and structural monitoring
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Sessions "D": Vibration monitoring, offshore monitoring and data transmission and management
Sessions "W": Monitoring Workshop.

Saturday, 6 June, 2015
MONITORING WORKSHOP

•••• Workshop Registration and Joint Breakfast	8:00-8:45	
Workshop Introduction	8:45-9:00	John Dunnicliff & Paolo Mazzanti
W.1 Case Histories and Lessons Learned - Notes from an Instrumentation Engineer's Logbook	9:00-9:45	Elmo DiBiagio
W.2 Workshop on Systematic Planning of a Monitoring Program, for an Embankment on Soft Ground	9:45-11:15	John Dunnicliff (moderator)
•••• Coffee Break	11:15-11:45	
W.3 Case Histories and Lessons Learned – Zelazny Most (Poland) Tailings Storage Facility: 40 years of Peck's Observational Method application	11:45-12:30	Michele Jamiolkowski
W.4 Case Histories and Lessons Learned – The role of monitoring in challenging engineering projects	12:30-13:15	John Burland
•••• Lunch Break	13:15-14:30	
W.5 Open Forum	14:30-16:15	John Dunnicliff & Paolo Mazzanti (moderators)
•••• Coffee Break	16:15-16:45	
W.6 Case Histories and Lessons Learned – The Engineering Geological Approach to Integrated Monitoring Systems	16:45-17:30	Francesca Bozzano
W.7 **Closing Remarks**	17:30-17:45	John Dunnicliff & Paolo Mazzanti

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