



# 3rd SGA - SEG - UNESCO - IUGS

## SHORT COURSE ON AFRICAN METALLOGENY

### «Mining in Africa»

**Marrakech, Morocco**  
**29th september, 3rd october 2014**



Africa is well endowed with mineral resources and yet much Africa's mineral treasures remain to be discovered. Mining has played a pivotal role in the economy of many African countries with contributions to foreign exchange earnings exceeding 50% in some instances. There is no doubt that the exploitation of mineral deposits could form a substantial, if not the strongest, platform on which to base the future uplifting of the African economy. The discovery of new deposits as well as the economic and sustainable exploitation of known deposits requires skills that are not readily available in many areas of Africa as they might be in other parts of the world. The aims of these SGA Short Courses was firstly to train African geoscientists in the specific field of metallogeny. This third edition is reinforced by an additional focus on underground / open pit mining practises and exploration strategies, in order to cover the largest spectrum of the mining industry. For practical reasons, the course will be divided into two sessions with some overlapping.

# Welcome !

# «Mining in Africa»

It is with great pleasure that we herewith announce the third of the SGA - SEG - UNESCO - IUGS Short Course on African Metallogeny, which is being co-organized this year by the Society for Geology Applied to Mineral Deposits (SGA) and MANAGEM.

This third edition is also supported by the Geological Society of Africa (GSA), ONHYM and the GeoResources Laboratory from Université de Lorraine.

Following on from the two successful courses in Burkina Faso in 2012 and in Zambia in 2013, this course will take place in Marrakech, Morocco, from September 29th to October 3rd 2014 and is entitled «Mining in Africa».

This third edition of the SGA - SEG - UNESCO - IUGS Short Course on African Metallogeny is being extended to mining exploitation. It is co-organized by MANAGEM, a Moroccan mining and hydrometallurgy group which produces and sells precious and base metals, cobalt and metallic byproducts. This edition will benefit from the experience and know-how in African geology and mining of two mining companies, ONHYM (public sector) and Managem (private sector), two Moroccan Universities, the faculty of Sciences of Oujda and the Cadi Ayad University of Marrakech, together with two European Universities, the Ecole des Mines de Nancy, Université de Lorraine and the Ecole des Mines-Paris Tech. The Short Course is split up into two sessions, one devoted to metallogeny, the other to underground and open pit mining.

Three field visits will permit a direct application of the theoretical knowledge given during the various formal lectures :

- The Draa Sfar VMS deposit (Jbilets). It is mined by Managem on a massive pyrrhotite structure representing 10 Mt reserves at 5-5 % Zn, 1-2 % Pb, 0.3% Cu and 30 ppm Ag. The mining method is sub-level caving.

- The Benguérir phosphate deposit is mined by the Office Chéri-fien des Phosphates. The Benguerir deposit is planned to extract 6 Mt by 2025. OCP is the first exporter of crude phosphate and phosphoric acid in the world and numbers about 20 000 employees.

- The visit of the Guemassa industrial complex of Managem is the opportunity to discover this middle-sized mining company through its R&D and technical support organization, one of the best in Africa. Mining exploration, hydrometallurgy (particularly the production of Co cathods), engineering and laboratory support activities will be presented.

Course content, presenters of the courses and a detailed program are illustrated in the following pages. Lectures will be given mostly in French with a simultaneous English translation.

This course is aimed at exploration and mining experts from the private and public sectors, members of academic and governmental institutions. Students (Master and PhD level) are welcome (see particular registration forms attached).





## **Anne-Sylvie ANDRÉ-MAYER**

is full Professor at the Ecole Nationale Supérieure de Géologie de Nancy, Université de Lorraine, and assistant-director of the Géoressources laboratory. She is involved in many research programs on concentration of gold and uranium in the crust during the geodynamic cycle. She was an active participant of the WAXI program in the West African shield.



## **Mahmoud ASSARRA**

is Director at the Human Ressources and communication Dpt of MANAGEM (SNI). M. Assarra is titular of a Master in management and human resources from the ISCAE and graduated from the Mohamedia School of Engineering (Morocco). He has more than 13 years of experience in international industrial groups as MANAGEM and Italcimenti where he was in charge of respectively the Human Ressources dpt. development and the Methods and Maintenance at the Safi factory.



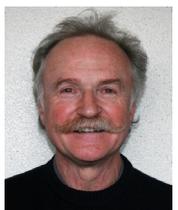
## **Intissar BENZAKOUR**

is Director for Sciences and Sustainable development at the base metals and cobalt branch of MANEGEM. She graduated in 1992 at the Ecole nationale Supérieure de l'Industrie Minérale of Rabat ENIM with a specialization on Geometallurgy. She has 22 years of experience in the group where she was in charge of R/D and projects management. She was successively Director of the Research center of Reminex in the Managem group, then of the metal branch.



## **Mohamed BOUABDELLAH**

is full Professeur at the Faculté de Sciences of Oujda (Morocco) where he is in charge of the Postgraduation program and applications in Geosciences. M. Bouabdellah has a lifelong experience in MVT deposits, particularly the Eastern Province of Morocco district. He graduated from the Ecole Polytechnique of Montréal (Canada) and was elected as Post-Doctoral Fulbright Fellowship at the USGS, Denver (Colorado- USA) in 1999. Currently he is SGA Regional Vice Président for North Africa and Middle East (2014-2015).



## **Alain CHEILLETZ**

is Professor at the Ecole Nationale Supérieure de Géologie ENSG de Nancy, Université de Lorraine, France. The whole scientific career of Alain Cheilletz has been devoted to the study of concentration factors in metallic deposits. Alain Cheilletz collaborated with Penaroya, BRGM, AREVA, ONHYM, Managem, Compagnie Minière de Toussit, ERAMET .. He was in charge of the raw material sector for the INSU-CNRS and author of a viewpoint for the revue Sciences and pseudo-sciences « Mineral raw materials : is it a risk of ressources exhaustion ? »



## **Michel CUNEY**

is Research Director at the CNRS. For more than 40 years, his research work has been mainly devoted to uranium geochemistry, metallogenesis and Rare Metal Granites, with the visit of most of the major uranium deposits worldwide. He has training and exploration expertise in the field of uranium geology in various countries. 125 papers published in international journals. 50 PhD supervisions. M. Cuney is Expert at the International Atomic Energy Agency in Vienna and SGA - Newmont 2013 Gold Medal recipient.



## **Kamal FAHMI**

completed a Ph.D in process engineering at the Claude Bernard University of Lyon (France). K. Fahmi started teaching chemistry in Lyon, and is presently Director of international HR development for the MANAGEM Group. He was successively HR Director for Amendis-Veolia Environment, then Executive Director at the Imiter Ag mine, HR Director for Cosumar and back to MANAGEM since 2011. K. Fahmi is member and President of several professional organisations as CGEM and AQM.



## **Jean Alain FLEURISSON**

Jean Alain Fleurisson completed a Ph.D in Engineering Geology at MINES ParisTech related to the interaction explosive energy-rock masses and slope stability in the phosphate deposit of Ben Gureir (OCP-Morocco). For the past 25 years, he has been teaching and research associate at the Geosciences and Geoengineering Research Department of Mines ParisTech.



## **Yann GUNZBURGER**

obtained a PhD in rock mechanics from the University de Lorraine in Nancy, France, where he currently is an Associate professor at the Ecole des Mines. He is in charge of a MSc program in mining engineering. His research topics range from stress state interpretation to rock slope stability and rockburst hazard assesment in mines. His skills include field investigations, in-situ monitoring and numerical modeling. His research projects gave him the opportunity to be invited as a visiting professor at the University of Minnesota (USA), McGill and Laval Universities, as well as the Ecole Polytechnique de Montreal (Canada).



## **Abderrazak HAMZAOU**

graduated in 1988 at the Ecole nationale Supérieure de l'Industrie Minérale of Rabat (Morocco) with a mining geology speciality. In 1989, he earned a DESS at the University Pierre and Marie Curie in Paris (France) in remote sensing and SIG. Currently he is head of the remote sensing and airborne geophysics in ONHYM. He is in charge of several projects of mining exploration in Oriental and South provinces of Morocco together with the revival of the SIG website in ONHYM.



## **Mohamed JAFFAL**

is presently Assistant-Professor at the Faculty of Sciences and Technology of Marrakech. M. Jaffal completed a PhD in geophysics at the University of Rennes 1 in France. He was appointed by the canadian Sagax Géophysics Society (now Sagax Maghreb in the MANAGEM group) for 4 years. He is involved in several research projects and is a regular publisher of scientific papers in applied geophysics.



## **Mouloud LBOUABI**

is presently Corporate Director of security and working wealth for the MANAGEM group. He graduated at the Ecole Nationale Supérieure de l'Industrie Minérale of Rabat in 1981, with a mining geology speciality. He earned a DEA in Applied geology at the Mohamed V University of Rabat. He was successively exploration manager for SOMIFER and CTTB, then in charge of the exploration and development program for the Guemassa district. M. Lbouabi joined MANEGEM in 1995 in the formation and working wealth departments at the national then international branches. He has an agreement CNPP and CFP A Europe since 2011.



## **Lhou MAACHA**

is presently General Director of exploration and development at the MANAGEM group. L. Maacha has a 25 years experience in mining and geology, with a special emphasis in development strategies and management. He is administrator of the Sagax Maghreb-Managem branch specialised in geophysical exploration and of several other national and international companies. L. Maacha completed a mining engineering degree and a PhD in metallurgy and geophysics.



## **Driss MOUNJI**

is presently chief operating officer for MANAGEM in Congo Democratic Republic (RDC). In 1999, he completed a PhD in geology at the Laval University in Quebec (Canada) on «Sedimentology and diagenesis of devonian carbonates of Tafilalet and Maider, Eastern Anti Atlas, Morocco». He joined Managem in 1999 where he successively was operational officer for exploration and management in Guinea (Semafo, Kiniero) and RDC.



## **Abdellah MOUTTAQI**

is presently Director of Exploration and Technologies at ONHYM. He is member of the CESE (Economic, Social and Environmental Council), member of the FDIM board. A. Mouttaqi completed a PhD (Doctorat d'Etat) at the Cadi Ayyad University in Marrakech. For the public administration, he is in charge of the development of major national projects in mining and oil industries. He participates to the definition of a strategy for the national mining development and to the new economic model for South Provinces.



## **Ali SAQUAQUE**

is presently International exploration manager for MANAGEM. He completed a PhD (Doctorat d'Etat) in structural geology. A. Saquaque was full Professor at the Cadi Ayad University before joining MANAGEM in 1994. He has a long field experience in Moroccan geology where he directed many research works. He is now leading the international development of Managem



## **Mohamed SELLAMI**

has been in charge of the Direction of Reminex Mines and Quarries since 2012. Reminex is a Managem branch specialised in technical services for the mining industry in the fields of mining operations, geotechnics and hydrogeology. He graduated in 1988 at the Ecole Nationale Supérieure de l'Industrie Minérale of Rabat (ENIM), with a mining geology speciality. M. Sellami joined the MANAGEM group in 1989 where he is in charge since then, of several managing expertises.



## **Ahmed SMOUH**

is geologist, resources assessment officer at MANAGEM. A. Smouh earned a master in Geology. He worked for a long time in geomatics applied to the development of national and international exploration and mining programs in Morocco and Africa.



## **Thierry VERDEL**

is a full Professor at the Ecole des Mines de Nancy, Université de Lorraine (France), in charge of the Geo-engineering Department. He conducts his research in the Géoresources laboratory in the field of risks and crisis management, numerical modelling, statistical methods and software development in Mathematica.

## **Mohamed ZOUHAIR**

is actually Exploration Manager for Morocco in MANAGEM. He completed a PhD in Geosciences and raw materials at the Institut National Polytechnique de Lorraine in Nancy (France). Mohamed joined Managem in 1993. He was operation manager of the Akka gold mine between 2000 and 2005 and is actually in charge of several exploration programs for the group.

## COMMON SESSIONS

### Mining development in the world, in Africa and in Morocco

The main trends of mining exploration in Africa will be presented. This session will emphasize the results of the West African Exploration Initiative (WAXI) project and its contribution to the revival of mining exploration in Western Africa. Geological units characterizing the African shield spread between Archaean and Neogene with a lot of geodynamics environments. This is highly favourable for potential precious and base metal deposits, REE and industrial materials new developments. A strong focus will be done on RH management in the peculiar environment of African mining industry.

## SPECIAL SESSION 1 Mining exploitation

### 1 - Underground mining.

This session is combined with the visit of the Draa Sfar deposit. Rock mechanics and numerical modelling methods applied to underground excavation stability will constitute some fundamental recalls. They will be completed by case studies on Moroccan deposits examples.

### 2 - Open pit mining

Lectures will emphasize the geotechnical concepts applied to open pit mining, and tailings dam. The visit of the Benguérir phosphate deposit will permit a practical approach for this session.

### 3 - Mining industry and sustainable development

This session is devoted to security and health control throughout mining operations particularly on African mine examples.



## SPECIAL SESSION 2 Metallogeny

### 1 - Mining exploration : new prospective

Technologies for mining exploration showed a important improvement during the last decade. A peculiar focus will be made on hyper spectral remote sensing, mobile ions geochemistry and geophysical methods (infinitem). An important complement in international resources reporting codes will help to assess investments risks in mineral exploration.

### 2 - Orogenic gold deposits

This type of precious metal deposit promises to have a brilliant future in Africa. A new presenter, A.S. André Mayer, is in charge of this section. Her firm experience in African gold deposits will guarantee the success of her presentation.

### 3 - Pb/Zn deposits in sedimentary context.

This lecture is given by one of the best specialist of MVT deposits in Africa, M. Bouabdellah. It is an useful complement to the course done last year in Zambia on the copper belt district.

### 4 - Uranium deposits in Africa

Michel Cuney, SGA-Newmont gold medallist in 2013 will give this presentation. The future of uranium deposits exploration in Africa needs a clarification on fundamentals of these types of deposits. This is the objective of Michel's talk.

## FIELD VISITS

- 1 - The polymetallic Zn-Pb-Cu-Ag of Draa Sfar
- 2 - The open pit phosphate mining of Benguérir
- 3 - The industrial complex of Guemassa : R&D unit, Hydrometallurgy facilities, mining exploration and exploitation services

# Program of workshop courses

- lectures are given mostly in french with english simultaneous translation -

# «Mining in Africa»

## Day 1 Monday 29/09/2014

### Morning

- 1 - Recent mining development in Africa - A. Saquaque and D. Mounji - MANAGEM - Mo
- 2 - Globalisation and world mining industry - A. Cheilletz - GeoRessources - Nancy - Fr
- 3 - Management of human resources in the mining industry of Africa - K. Fahmi - MANAGEM - Mo

### Afternoon

- 4 - The mining sector : which goals for the African continent and the world ? - A. Mouttaqi- ONHYM
- 5 - The WAXI project : main contributions for the West African countries mineral exploration perspectives - A.S. André-Mayer GeoRessources - Nancy - Fr
- 5 - Mineral resources of Morocco - M. Zouhair - MANAGEM - Mo
- 6 - Smart technologies for the mining industry - M. Assarra - MANAGEM - Mo

## Day 2 Tuesday 30/09/2014

- 1 - Visit of the polymetallic (Zn, Pb, Cu, Ag) underground mine of Draa Sfar - MANAGEM - Mo
- 2 - Visit of the industrial complex of MANAGEM, Guemassa's site - Mo

## Day 3 Wednesday 1/10/2014

### UNDERGROUND MINING

#### Morning

- 1 - Background in rock mechanics - T. Verdel and Y. Gunzburger (coord.) - Ecole des Mines de Nancy - Fr

#### Afternoon

- 2 - Mining methods at MANAGEM - M. Sellami - MANAGEM - Mo
- 3 - Numerical modeling for mining - T. Verdel and Y. Gunzburger - Ecole des Mines de Nancy - Fr

### METALLOGENY

#### Morning

- 1 - Exploration modeling - L. Maacha (coord.) - MANAGEM - Mo
  - 1.1 - Resource and reserve reporting codes - S. Ahmed (MANAGEM) - Mo
  - 1.2 - Geophysical exploration : new technologies and methods - M. Jaffal - Cadi Ayad University - Marrakech - Mo
  - 1.3 The use of remote sensing in mining exploration - A. Hamzaoui - ONHYM - Mo

#### Afternoon

- 2 - Orogenic gold - A.S. André-Mayer (coord.) - GeoRessources - Nancy - Fr
- Gold fundamentals - geochemistry of gold, characteristics of gold deposits, gold mining economics

## Day 4 Thursday 2/10/2014

### OPEN PIT MINING

#### Morning

- 1 - Geomechanical design of open pits - J.A. Fleurisson - Ecole des Mines Paris Tech - Fr

#### Afternoon

- 2 - Sustainable mining development - I. Benzakour - MANAGEM - Mo
- 3 - Security and mine design - M. Lbouabi - MANAGEM - Mo
- 4 - Practises in mining activities in Africa - D. Mounji - MANAGEM - Mo

### METALLOGENY

#### Morning

- 1 - Pb/Zn deposits in sedimentary basins - M. Bouabdellah (coord.) - Oujda University - Mo
  - 1.1 - The duality between MVT and SEDEX Pb-Zn deposits: common and distinctive attributes
  - 1.2 - Are the North African MVTs unique ? State of the current knowledge relatively to their geochemistry and genetics models

#### Afternoon

- 2 - Uranium in Africa - M. Cuney (coord.) - GeoRessources - Nancy - Fr
  - 2.1 - Fundamentals in uranium geology
    - U physical and chemical properties
    - Main uranium deposit types
    - Resources, production, U prices evolution
  - 2.2 - African uranium deposits

## Day 5 Friday 3 /10/2013

Visit of The Benguérir open pit mining OCP - Mo

## Venue

# «Mining in Africa»

The three days lecture will be given at the Conference center of the Kenzi Farah Hotel  
Avenue du Président Kennedy  
4000, Marrakech, Maroc  
Tél : 00 2120524447400  
Fax : 00212 524438216

## Number of participants

A maximum of 50 participants is set for logistic reasons and in order to ensure maximum benefit for each participant. It is expected that participants from industry (about 25) cross-subsidize participants from economically disadvantaged institutions (about 25).

## Accommodation

**Hotel style : This is our selection, but there is a lot of good hotels in Marrakech**

Hotel	Star rating	Price (DH HT)	Web	Contact	E-mail
Le Méridien N'Fis	5 stars	920	<a href="http://www.lemeridien.com">www.lemeridien.com</a>	+212 5 24 33 94 00	<a href="mailto:Hajiba.Sarmouhi@lemeridien.com">Hajiba.Sarmouhi@lemeridien.com</a>
Palm Plaza	5 stars	750	<a href="http://www.hotelpalmplaza.com">www.hotelpalmplaza.com</a>	+212 5 24 38 87 00	<a href="mailto:Fadoua.majidi@hotelpalmplaza.com">Fadoua.majidi@hotelpalmplaza.com</a>
Menara Palace	5 stars	1350	<a href="http://www.kenzi-hotels.com">www.kenzi-hotels.com</a>	+212 5 24 45 99 00	<a href="mailto:sales2-menarapalace@kenzi-hotels.com">sales2-menarapalace@kenzi-hotels.com</a>
Kenzi Farah	4 stars	830	<a href="http://www.kenzi-hotels.com">www.kenzi-hotels.com</a>	+212 5 24 44 74 00	<a href="mailto:corporate1farah@kenzi-hotels.com">corporate1farah@kenzi-hotels.com</a>

### Youth hotel style

Private rooms - Collective rooms

Prices : from 6 to 15 €

[www.aubergesdejeunesse.com/Maroc/Marrakech/2014-09-28/7](http://www.aubergesdejeunesse.com/Maroc/Marrakech/2014-09-28/7)

## Cost

The course fees for participants from industry will be US\$ 1800.00 per person for the five days workshop. The course fee includes the five days workshop lectures and field visits, course materials and light meals during the course. Cost for travels to field visits are included.

Cost for travel to and from Marrakech, accommodation, breakfast and dinner are excluded.

Subsidies will be made available to university staff and student according to available budget. Subsidies will be distributed following completion of a pre-registration form and application for financial support (see attached application form pages 11-12).



Registration will be definitive only after reception of banking transfer order

# Registration form for individuals

# «Mining in Africa»



**SGA - SEG - UNESCO - IUGS**

## Short course on African Metallogeny

organized by Society for Geology Applied to Mineral Deposits (SGA) and MANAGEM  
to be held at Conference Center of the Kenzi Farah Hotel

**29th september, 3rd october 2014**

Title :

First name :

Surname :

Company name :

Company adress :

Country :

Contact tel. :

E-mail :

Registration fee for 5-days workshop .....US\$ 1800.00

Total .....US\$ 1800.00

I am an academic without sufficient funds or a student and apply for a subsidy ..... YES .....

NO .....

E-mail this form to Alain CHEILLETZ : [alain.cheilletz@univ-lorraine.fr](mailto:alain.cheilletz@univ-lorraine.fr)

or fax to +33 (0)3 83 68 47 01

**On confirmation of your places, we will ask you to transfer the registration fee to the following bank account :**

Name of the bank : Credit Suisse

Address : Postfach 500, CH-8070 Zurich, SWITZERLAND

Account holder : SGA

IBAN (International bank account number) : CH4604835181963192000

BIC ( Bank identification code) : CRESCHZZ80A

# Registration form for companies

# «Mining in Africa»

**3rd SGA - SEG - UNESCO - IUGS**

## Short course on African Metallogeny

organized by Society for Geology Applied to Mineral Deposits (SGA) and MANAGEM  
to be held at Conference Center of the Kenzi Farah Hotel

**29th september, 3rd october 2014**

Company name :

Company address :

Country :

Company tel. :

Administrative e-mail contact :

Attendee's Name 1 :

Attendee's Name 2 :

Attendee's Name 3 :

Attendee's Name 4 :

Total registration fees for 5-days workshop (US\$ 1800.00 per person)..... US\$ .....

Grand Total ..... US\$ .....

E-mail this form to Alain CHEILLETZ : [alain.cheilletz@univ-lorraine.fr](mailto:alain.cheilletz@univ-lorraine.fr)

or fax to +33 (0)3 83 68 47 01

**On confirmation of your places, we will ask you to transfer the registration fee to the following bank account :**

Name of the bank : Credit Suisse

Address : Postfach 500, CH-8070 Zurich, SWITZERLAND

Account holder : SGA

IBAN (International bank account number) : CH4604835181963192000

BIC (Bank identification code) : CRESCHZZ80A

# Pre-registration form and application for financial support

# «Mining in Africa»

## 3rd SGA - SEG - UNESCO - IUGS

### Short course on African Metallogeny

organized by Society for Geology Applied to Mineral Deposits (SGA) and MANAGEM  
to be held at Conference Center of the Kenzi Farah Hotel

**29th september, 3rd october 2014**

*Please send this form by e-mail to [alain.cheillettz@univ-lorraine.fr](mailto:alain.cheillettz@univ-lorraine.fr) not later than 15th July 2014.*

#### PERSONAL INFORMATION

FIRST NAME		SURNAME		
DATE OF BIRTH	PLACE	COUNTRY	<input type="checkbox"/> MALE <input type="checkbox"/> FEMALE	<input type="checkbox"/> MEMBER SGA <input type="checkbox"/> MEMBER SEG

#### PERMANENT RESIDENCE

STREET NAME AND NUMBER		PLACE
PROVINCE	COUNTRY	POSTAL CODE
TELEPHONE	FAX	E-MAIL

#### EDUCATION

INSTITUTION	PLACE	COUNTRY	DEGREE	DURATION	
				FROM	TO

#### INFORMATION ON HOME INSTITUTION OF APPLICANT

NAME						
STREET NAME AND NUMBER		CITY				
PROVINCE	COUNTRY		POSTAL CODE			
TELEPHONE	FAX		E-MAIL			
POSITION						
HEAD OF DEPARTMENT						
TYPE OF INSTITUTION	<input type="checkbox"/> UNIVERSITY	<input type="checkbox"/> GEOLOGICAL SURVEY	<input type="checkbox"/> RESEARCH CENTER	<input type="checkbox"/> PUBLIC ENTERPRISE	<input type="checkbox"/> PRIVATE COMPANY	<input type="checkbox"/> OTHER (DETAIL)

# Pre-registration form and application for financial support

## «Mining in Africa»

### INFORMATION ON PARTICIPANTS REQUESTING A SCHOLARSHIP

I am currently preparing/conducting the following

- BSc thesis (university)
- MSc thesis (university)
- PhD thesis (university)
- Research work outside university (most relevant, institution) :
- Other :

BRIEF MOTIVATION FOR YOUR PARTICIPATION IN THE COURSE

Have you participated in previous SGA-SEG short course ?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	I request a grant for	<input type="checkbox"/> TRANSPORT	<input type="checkbox"/> ACCOMODATION
I have recieved support from UNESCO, SGA, SEG or any organization/institution for previous similar short courses	<input type="checkbox"/> YES Year	<input type="checkbox"/> NO	<input type="checkbox"/> I have recieved support/scholarship from UNESCO for other activities	Which activity ? Year :	

### LIABILITY

I assume full responsibility in case of accident, disability, illness or death that might occur during the course or the field trip. I herewith renounce any claim to financial compensation in respect of damage that could affect me as a result of participating in the course and/or the field trip and thus release the course organizers from whatever responsibility. I confirm that all information provided above is correct.

NAME

DATE

SIGNATURE