



## About Training Courses

IAIA pre-conference training courses are presented primarily for IAIA members. The courses are open to all participants but require advance registration and payment.

## Dates, Times, Location

IAIA'04 pre-meeting training courses will be held Saturday and Sunday, 24-25 April 2004. The courses are tentatively planned to be held at the Sheraton; watch the web site and e-news for confirmation of location.

## Registration, Deadlines, and Fees

IAIA's courses cost US\$375 for the 2-day courses and US\$195 for the 1-day courses. This fee includes course materials and coffee breaks. Participants in the training courses must register for the IAIA conference or be assessed an additional US\$50 fee. **Course fees must be paid in full before admittance to the training course.**

Minimum/maximum class sizes are 10-30 participants. If the course for which you have registered does not meet the minimum class size by 29 February, IAIA HQ will contact you to confirm that you have been assigned to your second-choice course, or that you have been taken off the roster and your fee will be refunded. Course registration after 29 February will be subject to availability, instructor consent, and receipt of payment.

If you must cancel, your course registration fee will be refunded minus a US\$50 administration fee and contingent upon a written notice of cancellation received in the HQ by 29 February. After 29 February, no refunds will be issued.

## Check-in

Check-in for the training courses will be open at 8.00 on Saturday, 24 April, and 7.45 on Sunday, 25 April. Name tags will be distributed at check-in and are required for admission to courses.

## For More Information

For more detailed descriptions of the courses, including outlines of activities, listings of course materials, learning objectives, and background information on instructors, see Conferences > IAIA'04 > Training Courses on the IAIA web site ([www.iaia.org](http://www.iaia.org)).

## 1a/b. Strategic Environmental Assessment: Experience and Good Practices in Policy-Making, Planning and Programme Development

The overall purpose of this course on SEA is to introduce the purpose, logic, key functions and activities of what constitutes good practice in SEA, and does not intend to provide one recipe for SEA. The emphasis will be on addressing the differences in the application of SEA at policy-making levels, compared to plan and programmatic levels.

The course is organized in two parts. Part I runs on day 1 and addresses the basics of SEA. It includes an introduction to key concepts and issues that characterize SEA as an impact assessment approach, and reviews current practices in different countries and respective approaches, illustrated with case-examples. Part II runs on day 2 in two parallel sessions in separate rooms: the Policy forum focusing on SEA applied to policies, and the Plan/Programme forum focusing on SEA applied to plans and programmes. At registration, participants must indicate if they want to take the Policy forum, or the Plan/Programme forum. An option is offered to admit participants to only the Policy forum on day 2, for professionals with demonstrated experience on SEA who wish to explore policy SEA methodologies.

The course content is based on the multiple and varied existing evidence, expressed in different perspectives and approaches to SEA at the international level. Given the need for great adaptiveness of SEA to decision-making processes, course participants are invited to interchange their experiences with respect to national decision-making procedures and respective needs, or current application, with SEA, both in the Policy forum and in the Plan/Programme forum. Course participants will have learned the purpose, logic and key functions and activities in SEA as currently practiced in different contexts, and will take home the fundamental knowledge that will enable them to develop SEA approaches tailored to their cultural and decision-making needs.

Maria Rosário Partidário ([mp@fct.unl.pt](mailto:mp@fct.unl.pt)) is a professor at the New University of Lisbon; trainer; and environmental, planning and sustainability consultant.

Olivia Bina ([ocb1000@cam.ac.uk](mailto:ocb1000@cam.ac.uk)) has over ten years of experience as a practitioner in the field of policy analysis and environmental integration mechanisms, with a focus on advising international organization.

Level: Advanced

Language: English

Duration of course: 2 days or 1 day (option to take only Day 2 Policy forum)

## 2. Designing Effective EIA Training

Many EIA practitioners end up providing training in EIA training at some point. Few of these people are professional educators. This course is designed for them: people who develop/deliver EIA training and want to improve their skills as a trainer. It is also for those who hire others to develop/deliver EIA training courses and want to know what to look for in a trainer/training course.

The objectives are for participants to learn:

- what information is essential in designing an EIA course
- how to build an effective course outline
- how to design activity-based training to development skills in EIA tools
- how to deliver high impact training
- how to evaluate training effectiveness

Using a highly interactive approach that combines theory, practical examples, participants' prior experience, and hands-on activities, participants will develop skills and knowledge that they can apply to developing training that combines Best Practice in EIA with the principles of adult education. Applications will include training for cross cultural settings and dealing with translations.

Participants will learn how to have a real impact through training on how EIA is practiced in the field. Skills and knowledge acquired can be applied to most fields of IA.

Course materials will emphasize practical tips and tools that can be used as reference or applied subsequently.

Mary Ellen MacCallum's professional expertise is in environmental management and EIA, training and capacity building. ([memacallum@essa.com](mailto:memacallum@essa.com))

Kim Pawley ([kpawley@essa.com](mailto:kpawley@essa.com)) specializes in EIA, environmental planning, information systems for environmental management, training and capacity building in environmental management.

Level: Introductory to Medium

Language: English

Duration of course: 2 days

## 3. Interest-Based Negotiation in Impact Assessment

While knowing how to conduct an impact assessment is important, successful practitioners and others involved in IA know that negotiation skills are integral to finding common ground between diverse and often conflicting interests. This workshop will provide you with the skills needed to understand and respond to conflict in IA. It is an introductory level interest-based negotiation course that focuses on the challenges faced by IA practitioners. Particular focus is given to facilitating a process which encourages you to negotiate from interests rather than positions while ensuring that your organization's interests are also fulfilled.

### Outcomes and Benefits

The course will:

- increase your understanding of conflict and responses to conflict
- help you to identify when the intervention of a neutral third party can be useful
- prepare you with the skills needed to negotiate in IA, using an interest-based negotiation model

### Features

You will have the opportunity to:

- interact with a variety of players in the impact assessment field and share experiences in dealing with conflict
- engage in practical negotiation exercises involving real IA situations
- explore how interest-based negotiation can be applied to your personal work in dealing with impact assessment

As one participant stated:

*Understanding [environmental assessment] can be learned from manuals or on the job... but negotiation must be seen and practiced. It's a skill that is becoming more widespread throughout industry, public interest groups, government etc. — so without it, one is at a disadvantage.*

Jonathan Chaplan (jonathan.chaplan@ceaa-acee.gc.ca) is a Facilitation and Dispute Manager at the Canadian Environmental Assessment Agency.

Level: Introductory to Advanced

Language: English

Duration of course: 2 days

## 4. The Concepts, Process and Methods of Social Impact Assessment: A Basic Course

This workshop will provide participants with the basic knowledge, understanding and technical skills to do social impact assessment at the community and project level for a variety of development and policy proposals for both developed and developing countries. To achieve this goal, the workshop will cover the steps in the SIA process with special emphasis on: 1) "scoping," 2) determining significant social impacts, and 3) using SIA variables for developing enhancement and mitigation programs.

**Target Audience.** The introductory SIA course is designed for planners; government agency personnel; development workers for domestic and international donor organizations, extension and community development workers; as well as faculty and students in planning, environmental studies, engineering, the social sciences; and any person wanting or required to do social impact assessment either as a stand alone activity or part of the EIA-SIA process. No prior experience with the SIA-EA process is assumed.

### Learning Objectives:

- understand the framework for doing a social impact assessment within the context of the planning/decision process for a proposed project or policy
- be able to implement "scoping" within the SIA-EIA process as used by government and private sector agencies as well as national and international donor organizations
- understand how to identify and gather data for the description and measurement of key social impact assessment variables at the project and community level
- be familiar with the approaches utilized to enhance and mitigate significant social impacts within a variety of assessment processes and settings

**Format.** A portion of the class will be devoted to lecturing, how to use the SIA workbook and discussion of social impact assessments completed by the instructors. However, much of the time will be devoted to working in groups on SIA case studies.

Rabel J. Burdge (burdge@cc.wvu.edu) is a professor of sociology and environmental studies at Western Washington University, USA.

C. Nicholas Taylor (n-taylor@tba.co.nz) is a founding director of Taylor Baines & Associates and has worked on a wide range of public and private sector projects and for multilateral development agencies.

Level: Introductory

Language: English

Duration of course: 2 days

## 5. Integrating Health Impact Assessment into Environmental and Social Impact Assessment

Principles for sustainable development are similar to those of healthy public policy. Health is a truly cross-cutting issue and many of the main determinants of health lie outside the health services. How can public and private sector organizations improve public health when they do not have health improvement as part of their remit?

In this workshop, participants will look at ways in which health impact assessment can be integrated into, and strengthen, other forms of impact assessment.

The aims and objectives of this course link directly to IAIA policy regarding the integration of different sections and types of impact assessment.

After completing this course, participants will be able to:

1. explain some of the inter-relations between human health, the physical and social environment and social and economic development
2. demonstrate an understanding of the methodology and processes in which health impact assessment identifies the potential negative and positive effects of projects, services, programmes and policies
3. undertake a rapid health impact assessment on their own policies, programmes, projects and services
4. formulate terms of reference for health impact assessment as part of strategic environmental assessments and environmental impact assessments
5. describe some of the important issues to consider when critically evaluating the strengths and limitations of health impact assessment reports

Ben Cave (ben.cave@seahorseia.co.uk) delivers programmes on HIA ranging from building capacity within public sector organisations to conducting independent appraisals and is a Visiting Research Fellow at Queen Mary, University of London.

Peter Furu (pf@bilharziasis.dk) is a senior adviser in environmental health at the Danish Bilharziasis Laboratory and has 20 years of experience in research, capacity building and consultancy functions.

Salim Vohra (salim.vohra@seahorseia.co.uk) designs and delivers HIA training; has taught environmental health, statistics, and epidemiology; and is interested in the inter-relationships and inter-connections between risk, health and environment.

Level: Medium

Language: English

Duration of course: 2 days

## 6. Improving the Environmental Assessment Process: Involving Indigenous Communities and Traditional Knowledge

This 2-day course will introduce participants to the concepts of traditional knowledge and methods of involving Indigenous communities and incorporating traditional knowledge in the environmental assessment (EA) process. In many countries there is increasing consideration of Indigenous peoples rights and participation in environmental assessment. These rights are reflected in amendments to the *Canadian Environmental Assessment Act* (2003). The course will explore the following questions and more that address many of the concerns of environmental assessment practitioners and regulators:

What is Traditional Knowledge? How can it be used together with western science to achieve a comprehensive environmental assessment? How do I gather traditional knowledge and how do I ensure its confidential and proprietary nature? How do I approach an Indigenous community that is involved in (or wants to be involved in) or is potentially impacted by the proposed development? When, where and how in the assessment process should an indigenous community be involved? What are the cultural considerations I should be aware of?

Methods and better practices to include Indigenous communities and traditional knowledge in the EA process will be identified and strategies to achieve this will be explored. Case study examples from the facilitators will be discussed and participants will be expected to prepare a summary of a relevant environmental assessment process in which they were involved for use in the small group sessions.

By the end of this workshop, participants will:

- have basic understanding of various elements of traditional knowledge and how this relates to EA
- become aware of methods to increase Indigenous peoples involvement and the inclusion of traditional knowledge in EA
- be familiar with methods available to better conduct EAs in an Indigenous community
- have developed a better-practices approach to EA, based on a specific case study experience

Lisa Hardess (lhardess@cier.ca) has experience with a variety of projects including emergency planning, Aboriginal housing study and First Nation involvement in resource industry planning and implementation.

Shaunna Morgan (smorgan@cier.ca) is an instructor with the Centre for Indigenous Environmental Resources Inc. in the Environmental Education Training Program and the Community Environmental Education department and develops and delivers climate change curriculum to First Nations.

Mel R. Falk (mfalk@cier.ca) has over 30 years of experience in the environmental field with the federal government and as an environmental consultant, specializing in environmental assessment. Mel is also retained by the Manitoba government to provide support to public hearings and assist with amendments to EA legislation and deliver training.

Level: Medium

Language: English

Duration of course: 2 days

## 7. Improving EIA Effectiveness through SEA: Illustrated by UK Transport Planning

Several books on SEA that illustrate the potential benefits of undertaking an SEA of EIA practice have been written. As the academic perspectives are now being translated into practical experience, an opportunity exists to review their propositions. TRL's experience in the preparation of the UK SEA and EIA guidance manuals for transport and other work on integrated assessment reveal that there are many benefits and difficulties that have a bearing upon improving the effectiveness of EIA.

This workshop will present some of the issues as emerging in UK transport planning as a basis for debate on formulating a series of recommendations on the practical delivery of efficiency savings in SEA. The workshop will focus on exploring constraints and opportunities to improve the effectiveness of assessment practice in which SEA and EIA are seen as a continuum that eventually links into environmental management systems and auditing activities.

The workshop is structured around these themes:

- assessment procedures: linking transport planning to project delivery
- scoping/tiering issues: definition of boundaries for assessment between SEA and EIA with links to health and social impact assessment
- predictive techniques: coherence in the use of tools between SEA and EIA
- enhancement and mitigation measures: role of the SEA in defining enhancement/mitigation
- significance criteria: ensuring consistency
- reporting, monitoring and audit: ensuring conformity

Workshop objectives:

1. to raise awareness of the importance of introducing SEA with strong procedural and methodological links to project EIA for each sector
2. to raise awareness of the practical issues associated with delivering SEA and EIA
3. to generate an appreciation of the mechanisms to enhance the effectiveness of impact assessment at plan, programme and project levels

Paul Tomlinson (ptomlinson@trl.co.uk), with over 20 years experience in EA and training, is a recognised international expert on EIA and SEA as applied to transportation, and is responsible for the EAs of numerous major highways in the UK and overseas, including the Channel Tunnel Rail Link.

Emma James (ejames@trl.co.uk) has extensive experience with environmental appraisals for major transport schemes, transport plans and development projects. Her work includes research aimed at solving particular environmental problems associated with the management of the highways network and she has wide experience in delivering environmental assessment training.

Level: Medium to Advanced

Language: English

Duration of course: 1 day

# training COURSES

## 8. Assessing and Managing Cumulative Effects: New Practices and Ideas for Industry Involvement

The workshop will provide an overview of the assessment and management of cumulative effects, both within the regulatory review process for specific projects and through multi-participant regional approaches. The course addresses an aspect of environmental impact assessment that has become a dominant concern in Canada and other countries: namely, the environmental and social implications of cumulative human development. The material provided and topics discussed expand on the role of the private sector in impact assessment.

Material used in the CEA workshop will illustrate management techniques designed to help the private sector manage cumulative effects. Examples will draw upon AXYS's experience in helping private sector proponents design technically feasible and scientifically robust environmental management strategies to reduce environmental impacts.

The course content includes the theory and practice of cumulative effects assessment, with an emphasis on practical solutions to real-world challenges. Breakout sessions will be used to engage participants in resolving issues for selected case studies. Participants will be encouraged to share and discuss their own experiences. Although largely based on Canadian experience in federal and other jurisdictions, the workshop will be equally applicable to international forums.

Participants will learn the five steps involved in conducting an impact assessment: namely, scoping, analysis, mitigation, significance and follow-up. Participants will be asked to apply each of these steps to real-world projects during breakout sessions whereby each step will be applied to an aspect of a cumulative effects assessment. Building on the conference theme, participants will be asked to become project proponents and work together to solve a cumulative effects issue that affects their projects. For example, concepts such as selection of valued ecosystem components (VECs) and valued social components (VSC) and identification of spatial and temporal boundaries may be performed. Participants may also be asked to design mitigation strategies to reduce any significant environmental effects.

Jeff Green (jgreen@axys.net) is Vice President for AXYS Environment Consulting Ltd. and a senior environmental specialist with 25 years of domestic and international environmental consulting experience.

George Hegmann (ghegmann@axys.net) is an engineer and environmental scientist with AXYS Environmental Consulting Ltd. in Calgary, specializing in EIA and cumulative effects assessment process and implementation.

Level: Medium

Language: English

Duration of course: 1 day