

About Training Courses

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

Dates, Times, Location

IAIA'05 pre-meeting training courses will be held Sunday and Monday, 29-30 May 2005. The courses will be held at the Hyatt Regency Cambridge.

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 will be on their own for lunch. A deli/snack bar will be available at the hotel. Participants in the training courses who are not registered for the IAIA conference will be assessed an additional US\$50 fee. Course fees must be paid in full before you will be enrolled in the training course.

Please register early! Courses will be cancelled if they do not reach the minimum number of paid participants by 31 March.

Minimum/maximum class sizes are noted. Course registration after 31 March 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 31 March. After 31 March, no refunds will be issued.

Check-In

Check-in for the training courses will be open:

- Saturday, 28 May 3:00pm-6:00pm
- Sunday, 29 May 8:00am-10:00am and 4:00pm-7:00pm
- Monday, 30 May 8:00am

Name tags will be distributed at check-in and are required for admission to courses. Check-in the day before your course begins is encouraged.

For More Information

For more detailed descriptions of the courses, including outlines of activities, listings of course materials, and background information on instructors, see Conferences > IAIA'05 > Training Courses on the IAIA web site (www.iaia.org).

I The Right Place: Using Innovative New

- Multi-Criteria Analysis/Decision Support
- Tools to Make Complex Decisions in
- Environmental and Resource Management
- Arenas

Government departments and private developers are constantly striving to make wise choices between competing options. Many decisions that businesses and public organisations make in the contemporary world involve difficult technical questions in relation to the assessment and evaluation of economic, environmental, social and legal impacts.

Decisions about where to site a new landfill, the best alignment for a new road, or where to make the next investment are often further complicated by the conflicting needs of different interest groups.

Making wise choices under these conditions is increasingly difficult, calling for the highest level of executive skill and intuitive understanding. In the end, some of these decisions are just too difficult to make without special "decision support systems."

The aim of this training is to introduce participants to a selection of fascinating new tools that will help them make better decisions that sit well with the public.

Learning Objectives

- Be introduced to a selection of decision support techniques and the software that supports them.
- Be introduced to case studies where decision support techniques have been used to successfully resolve environmental and resource management conflicts.
- Experiment with these techniques and be able to assess their relevance.
- Have the opportunity to design complex decision-making exercises.

Format

This course will feature a number of lectures interspersed with small group discussions and activities. Participants will be provided with a resource guide with state-of-the-art information on multi-criteria analysis/decision support systems.

Instructor

David Annandale is a Senior Lecturer in Environmental Assessment (Murdoch University, Australia) and Head of the School of Environmental Science.

Who should attend: Individuals who have a stake in the making of complex public or private decisions.

Level: No quantitative skills or prior experience with decision support systems is assumed. The course will have a general applicability to all fields of IA (i.e., environmental, health, socio-economic, SEA).

Duration of course: 1 day (29 May)

Language: English

Min/Max: 10-60

2 Designing Effective EIA Training

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

Learning Objectives

- What information is essential in designing an EIA course?
- How to build an effective course outline.
- How to design activity-based training to develop skills in using 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 they need to develop 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 on how EIA is practiced in the field through training. Skills and knowledge acquired can be applied in most fields of IA.

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

Instructors

Mary Ellen MacCallum is Senior Environmental Specialist at ESSA Technologies Ltd. (Canada).

Kimberley Pawley is an Environmental Specialist at ESSA Technologies Ltd. (Canada)

Level: Experience as EIA practitioner essential; little or no experience as EIA trainer is required. Some experience in developing EIA training or contracting people to develop training helpful; bring examples or applications to the course if possible.

Duration of course: 2 days (29-30 May)

Language: English

Min/Max: 12-20

3 Strategic Environmental Assessment: Strategic Approaches to Assist Decision-Making

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. The emphasis is on the role that SEA can play in assisting decision-making through strategic thinking approaches.

The course does not intend to provide one solution, or a recipe, for good practice SEA. Instead it will (1) drive participants through key concepts and issues in SEA, (2) review current practices in different countries and respective approaches and (3) focus on the characteristics and requirements of strategic assessments to assist decision-making towards quality in development decisions for sustainability. One of the aspects that distinguishes Maria Partidario's training courses on SEA is the international overview given through comparative presentation of multiple and different existing situations, expressed in different perspectives and approaches to SEA, illustrated with case-studies. This approach will invite participants to understand the key elements and components of SEA that constitute good practice, explore needs adapted to each country's decision-making realities, rather than focusing only on one methodology or procedure. 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.

Learning Objectives

Course participants will have learned the purpose, logic and key functions and activities in SEA and also assess needs for implementing SEA systems in respective countries in view of facilitating more sustainable decision-making.

Instructor

Maria Rosário Partidário is a professor at the New University of Lisbon (Portugal) and long-standing trainer and environmental, planning and sustainability consultant.

Level: Medium to high on EIA and/or planning/policy

Duration of course: 2 days (29-30 May)

Language: English

Min/Max: 10-25

4 Integrating EIA, SEA and SIA for Policies, Plans and Projects

This course provides a holistic approach to assessment that can be used not only for EIA, but for management and implementation of policies, plans, and projects. The Integrated Decision Making® approach combines and integrates perspectives from environmental and strategic assessment, social impact assessment, alternative dispute resolution and project planning and implementation processes. The course is designed to transcend legal statutes limited to geographic regions, has universal applicability, and focuses on accepted principles of assessment and project management. This workshop consists of lectures, case study material and class participation. Participants learn to use and integrate perspectives from the respective areas to simplify and make more effective impact assessment tools and concepts.

Learning Objectives

- Apply Integrated Decision Making® principles to local, regional, and global levels of impact assessment.
- Identify and gather project critical data and perform effective stakeholder analysis.
- Conduct a strategic analysis of EIA and SIA projects using proven corporate planning models.
- Create and implement project policy/planning/project maps to develop a strategic plan.
- Create and implement action plans.

The training is tailored to address conference themes through:

- Critiquing the traditional segmentation of EIA, SEA, and SIA as an obstacle to these processes' effectiveness.
- Conceptualizing the impact assessment process as an integrated whole.
- Illustrating the applicability of Integrated Decision Making® to the accomplishment of a wide range of objectives—from IA to implementation of alternatives.
- Using case illustrations to compare the effectiveness of segmented vs. integrated approaches to assessment.

Instructors

C. Hobson Bryan is a professor in the Department of Geography, Regional and Urban Planning at the University of Alabama (USA).

William H. Jones, real estate firm executive and principal in William H. Jones & Associates, is a strategic planning and performance management consultant specialising in organizational accountability, strategic planning, evaluation and impact assessment in corporate and organizational programs.

Who should attend: Practitioners and officials who have responsibility for EIA/SEA/SIA implementation, whether at policy, planning, or at project levels. It is also an excellent overview course for those who wish to familiarize themselves with basic assessment principles and their applications. The offering includes both governmental and corporate applications.

Duration of course: 2 days (29-30 May)

Language: English

Min/Max: 10-30

5 Strategic Environmental Assessment (SEA) and Sustainability Appraisal (SA) in Developing Countries

Much of the published work on SEA and sustainability appraisal has concentrated on the experience of industrialised economies. The underlying methodologies reflect established planning frameworks that exist in these countries. However, while the same principles of SEA and sustainable development apply in developing countries, the societal framework and access to technological aids are very different. This requires a flexible approach with methods being developed to meet the skills base and resources available.

The workshop trainers have developed SEA/SA techniques specifically to meet the needs of national, regional and local decision-makers coming from diverse social, cultural and economic backgrounds in West Africa. These methods should have applications in other developing countries. The focus of the course/workshop will be on sharing experience from different developing countries, using case study material developed for previous workshops in Ghana, Tanzania and South Africa.

Instructors

Jonathan Allotey is Executive Director of the Environmental Protection Agency (Ghana).

Christine Asare is an SEA Coordinator at EPA (Ghana).

Badu Yeaboah is SEA Facilitator at EPA (Ghana)

Appah Sampong is SEA Facilitator at EPA (Ghana)

Evans Darko-Mensah is Director of Refast Consulting (Ghana)

Peter Nelson is a Principal of Land Use Consultants (US)

Who should attend: Experienced practitioners in SEA/Sustainability Appraisal and those with development planning and EIA skills but limited exposure to EIA/SA.

Duration of course: 2 days (29-30 May)

Language: English

Min/Max: 12-30

6 Mainstreaming Biodiversity in EIA for Improved Environmental Decision Making

Considerable evidence from countries across the globe has established that major development sectors *viz.*, transportation and urban infrastructure and hydropower, mining and oil and gas exploration pose long-term implications for biodiversity conservation and resource sustainability. Biodiversity losses associated with habitat degradation, reduction and destruction; restriction in movement and migration of species; and displacement and isolation of species leading to their endangerment are some of the most pervasive threats invariably associated with major development sectors.

This obviously necessitates developing effective means of regulating development through a more responsive environmental planning to charter a new course of development that fosters growth on one hand and also protects the natural capital and meets the sustainability criteria. Most developed countries in the world have been able to internalize the use of EIA as a necessary prerequisite for improving environmental decision-making. The process has also been initiated in developing countries and countries in transition with varying levels of enthusiasm and success. The role of EIA in aiding decision-making and conservation planning has, however, been seriously constrained due to lack of focus on biodiversity issues in EIA framework.

Good environmental assessment practices steer the planning of development projects along environmentally acceptable pathways by incorporating biodiversity concerns fairly early in project planning and also drive the project implementation based on sound ecological principles and nature engineering practices. Capacity building through a training course like this is a well-conceived approach to address and overcome the shortfalls in EIA practice.

Learning Objectives

- Professionalize integration of biodiversity issues in EIA through guidance on methods, tools and process.
- Build capacity of participants to initiate best practices in conducting, supervising and reviewing EIAs to ensure integration of biodiversity considerations in EIA.
- Facilitate sharing and peer based learning among EIA professionals based on their experience and practices.

Instructors

Asha Rajvanshi heads the EIA Cell of the Wildlife Institute of India.

V.B. Mathur is head of the training division of the Wildlife Institute of India.

Jo Treweek is an ecologist with special interest in ecological impact assessment, ecological risk assessment and habitat restoration.

Who should attend: EIA professionals, researchers, trainers, consultants, planners, EA reviewers and decision-makers

Level: Medium knowledge of EIA concepts and practices

Duration of course: 2 days (29–30 May)

Language: English

Min/Max: 10–25

7 Addressing Health in Strategic Environmental Assessment and Environmental 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 sector. How can public and private sector organisations improve public health when they do not have health prevention and mitigation as part of their remit?

In this course participants will examine ways in which approaches from health impact assessment can be integrated into, and strengthen, strategic environmental assessment and environmental impact assessment. The course will also look at how approaching HIA within the formal SEA process can strengthen HIA. Thus the course aims to build capacity by focusing on health impacts as a cross-cutting issue of importance for planning and implementation of activities at strategic, programme and project levels in different sectors. This is in line with current IAIA policy of promoting the application of integrated and participatory approaches to impact assessment.

Learning Objectives

- To get an understanding of some of the inter-relations between human health, the physical and social environment and social and economic development.
- To demonstrate the methodology and processes in which health impact assessment identifies the potential negative and positive effects of projects, services, programmes and policies.
- To discuss terms of reference for health impact assessment as an integrated part of plan and project level assessment.
- To describe some of the important issues to consider when critically evaluating the strengths and limitations of health impact assessment reports.

Instructors

Alan Bond is Senior Lecturer in Environmental Management at the University of East Anglia (UK).

Ben Cave is a Visiting Research Fellow at Queen Mary, University of London, and provides training and policy advice to a range of organisations.

Peter Furu is senior adviser in environmental health at the Danish Bilharziasis Laboratory (DBL) and heads the WHO Collaborating Centre for Health and Environment in Sustainable Development at DBL.

Paul Tomlinson is a charter member of the Royal Town Planning Institute and chair of the RTPA Environmental Protection and Planning Network who currently works for TRL Limited.

Level: Competence in a form of impact assessment; knowledge of SEA, environmental or social impact assessment will be an advantage as will interest in intersectoral approaches to risk management.

Duration of course: 2 days (29–30 May)

Language: English

Min/Max: 10–30

8 The Concepts, Process and Methods of Social Impact Assessment: A Basic Course

The purpose of this workshop is to 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, 3) using SIA variables for developing enhancement and mitigation programs, and 4) the participatory elements of the assessment process.

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.
- Understand the participatory elements of the assessment process.

A portion of the class will be devoted to lecturing, how to use the three SIA books (cost included in the workshop fee) and discussion of social impact assessments completed by the instructors. However, much of the time will be devoted to working in groups on two actual SIA case studies. The first is the closing of a military base in south Florida, USA, and the other the siting of a power plant along an international boundary.

Instructors

Rabel J. Burdge is a Professor of Sociology and Environmental Studies, Western Washington University, USA.

C. Nicholas Taylor is a Principal in Taylor-Baines Associates, New Zealand.

Who should attend: This introductory SIA course is designed for planners; government agency personnel; development workers for domestic and international donor organizations and 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.

Level: No prior experience with the SIA-EA process is assumed.

Duration of course: 2 days (29-30 May)

Language: English

Min/Max: 10-35

9 Theory, Practice and Principles of Impact Assessment Follow-Up

Follow-up in impact assessment is essential if the outcomes of decisions are to be understood. It provides valuable learning, from experience on IA procedures and techniques to determining the contribution of IA to sustainability. IA follow-up is a major theme of IAIA'05 which reflects the growing international interest in this field.

This course presents an introduction to the theory and practice of IA follow-up based on best practice examples from around the world.

Learning Objectives

- Understand the international framework for IA follow-up.
- Understand the roles of proponents, regulators and the public in follow-up processes.
- Be familiar with a number of outstanding examples of IA follow-up from around the world, including regulatory approaches, techniques and practices.
- Be familiar with the international best practice principles of IA follow-up.
- Be introduced to emerging directions and future challenges.

Course Content

- What is IA follow-up?
- Why is follow-up important?
- Who is involved in IA follow-up?
- What is involved, including screening and scoping for follow-up
- Adaptive environmental management
- Options and approaches that can be used in the implementation of IA follow-up
- International best practice principles for IA follow-up
- SEA follow-up and follow-up for sustainability assurance

This course will feature a number of lectures interspersed with small group discussions and activities. Participants will be provided with a resource guide with state of the art information on IA follow-up.

Instructors

Jill Baker is an Environmental Assessment Policy and Project Advisor for Environment Canada.

Angus Morrison-Saunders is Senior Lecturer in Environmental Assessment at Murdoch University, Australia.

Who should attend: Planners, government agency personnel, proponents and consultants, and students in IA related fields.

Level: No prior experience with IA follow-up is assumed, but a solid understanding of IA processes will be beneficial to the participant. The course will have a general applicability to all fields of IA (i.e., environmental, health, socio-economic, SEA).

Duration of course: 1 day (30 May)

Language: English

Min/Max: 10-60