

Developing a Project Biodiversity Action Plan Framework

LEVEL: Intermediate

PREREQUISITES: *A Guide to Developing Biodiversity Action Plans for the Oil and Gas Sector* http://www-static.shell.com/static/environment_society/downloads/environment/biodiversity/baps.pdf and *Energy and Biodiversity Initiative: Integrating Biodiversity Conservation into Oil and Gas Development* http://www.theebi.org/pdfs/ebi_report.pdf

LANGUAGE: English

DURATION: 1 Day

MAXIMUM # OF PARTICIPANTS: 20 + 3 IAIA Students

LAPTOP REQUIREMENT: No

TRAINER: Francisco Dallmeier, Director Center for Conservation Education and Sustainability
IAIA Member (DallmeierF@si.edu) – Code of Conduct Signed

Course Description

SUMMARY:

This course will focus on the steps and processes to develop Biodiversity Action Plan (BAP) for the private sector as a framework for delivering project conservation actions. The participants will be introduced to key concepts in managing biodiversity-related impacts from industry, such as biodiversity assessments, impact analysis, mitigation through the lens of the 'mitigation hierarchy', biodiversity offsets, biodiversity monitoring and management plans. Concepts in biodiversity management will be tied together through the development of BAPs, which provide a framework for carrying out mitigation, monitoring and management actions at any stage of project development and operation. The usage of the term "BAP" varies considerably between industry sectors and also between the private and public sectors. Participants will also be introduced to the business case for biodiversity and why biodiversity and ecosystem services matter to companies. Also, changing trends as development and conservation organizations, IUCN and even the Convention of Biological Diversity (CBD) are shifting

focus and recognizing the role that industry could play in managing and protecting biodiversity across landscapes.

For this intermediate level course, participants are required to have read *A Guide to Developing Biodiversity Action Plans for the Oil and Gas Sector* http://www-static.shell.com/static/environment_society/downloads/environment/biodiversity/baps.pdf and *Energy and Biodiversity Initiative: Integrating Biodiversity Conservation into Oil and Gas Development* http://www.theebi.org/pdfs/ebi_report.pdf

DETAILED DESCRIPTION:

The course will be a combination of lectures, participants working in small teams and group discussions and presentations. The course will begin with an overview of conservation and development projects and the needs and requirements for the development and implementation of BAPs as a strategy to manage the project biodiversity related issues. The instructor will use his extensive experience partnering with the oil and gas industry in Peru, Gabon, and Canada to give examples of projects that have integrated BAPs to address biodiversity conservation needs with development priorities. Course participants will work with case studies to apply BAP processes, the business framework, the management of biodiversity-related impacts, and the importance of stakeholder engagement. Lectures and group exercises and discussion will reinforce the concepts and processes and promote teamwork and creative thinking.

COURSE SCHEDULE:

MORNING:

- Introductions
- BAP framework, terminology
- Case study Gabon
- Group exercise
- BAP business case
- Standards: International Financial Corporation PS6, Inter American Development Bank, lenders, corporate, Convention for Biological Diversity, IUCN, and others
- Stakeholder consultation and project EIA results
- Project direct, indirect, residual and cumulative impact
- Project biodiversity and conservation priorities

AFTERNOON:

- When a BAP is required
- Planning development, and implementation of a Project BAP
- Biodiversity indicators; Biodiversity Monitoring and Assessment Programs
- Case study Peru
- Group exercise
- Application of the Mitigation Hierarchy to guide your BAP
- Group discussion
- Adjourn

COURSE MATERIALS:

Participants will receive a list of supplementary reading materials that can be found online that they can use prior to the course or after the program to follow up and refresh their learning.

COURSE EQUIPMENT:

The course does not have any special requirements for technology beyond the usual projector and flip charts. Participants will be encouraged to bring pen and paper if they do not bring their own laptop or tablet.

PRE- & POST-CONFERENCE COMMUNICATION:

The trainer(s) can serve as a resource for future engagement or collaboration with course participants.

Qualification of the Trainer

ABRIDGED CURRICULUM VITAE:

Please see *Appendix A*

HISTORY OF THE COURSE:

This specific course has not yet been taught in classes. The full, five-day course is scheduled to take place in May 2015 through the Smithsonian-Mason School of Conservation.

HISTORY OF COMPARABLE COURSE:

Similar courses have been open for students at the Smithsonian-Mason School of Conservation since 2011, courses include *Effective Conservation Leadership*, *Species Monitoring and Conservation: Terrestrial Mammals*, and *Spatial Ecology, Geospatial Analysis and Remote Sensing for Conservation*. These courses have been providing in-depth learning on specific topics that fall under the Biodiversity Action Plan for students and professionals from all around the world. Details about these courses can be found at <http://smconservation.gmu.edu/programs/graduate-and-professional/professional-training-courses/>. The program has been providing further learning to students and professionals from all around the world.

COMMITMENT OF THE TRAINER:

Francisco Dallmeier has led instruction on dozens of courses at the Smithsonian Conservation Biology Institute in the US and internationally in many countries. He has been an adjunct faculty at Johns Hopkins University and George Mason University. The Center for Conservation Education and Sustainability started the Smithsonian-Mason School of Conservation partnership and several employees regularly teach courses for the students (from George Mason University and abroad) at the facility in Front Royal, Virginia. Several workshops have been taught by Francisco Dallmeier and a number of guest lecturers who are able to share their knowledge and expand on specific topics that enhance the entire course.

Francisco Dallmeier will invite additional Center for Conservation Education and Sustainability staff to serve as a resource for this course at the IAIA meeting if approved. There is not a foreseeable reason to cancel the course. If an extreme situation occurs, an effort will be made to have a back up trainer. Since this course is a compressed version of the upcoming May 2015 course on Developing a Biodiversity Action Plan Framework at the Smithsonian-Mason School of Conservation, the content will be fully designed by the time of the IAIA meeting.

It is understood that IAIA requests the provision of free enrollment slots for students to increase engagement with students and future professionals. The course being proposed expects a minimum of 15 and maximum of 20 participants plus two students at not charge and who have gone through the application process with IAIA.

IAIA 15
Training Course Proposal
Smithsonian Conservation Biology Institute

APPENDIX A



FRANCISCO DALLMEIER

Director

Center for Conservation Education and Sustainability
Smithsonian Conservation Biology Institute

Dr. Francisco Dallmeier has been with the Smithsonian Institution since 1986. He is a Senior Conservation Biologist and the Director of the Center for Conservation Education and Sustainability (CCES) of the Smithsonian Conservation Biology Institute. He represents the Smithsonian Institution on national and international programs and advisory committees for governmental and non-governmental organizations. Dr. Dallmeier has developed programs on biodiversity research and monitoring, and integrating biodiversity conservation and sustainable development internationally with a strong focus in Latin America and Central and West Africa.

For nearly twenty years, he has been instrumental in forging multi-million dollar international partnerships among the Smithsonian, the energy industry, governments and lending organizations. These partnerships have promoted the integration of biodiversity conservation into mainstream sustainable development and best practices. He has been working in Peru since 1986, Gabon since 2000, and has established cross-sector partnerships in Canada, Ecuador, Russia, Madagascar, Uganda and South East Asia. Dr. Dallmeier has published over 150 reports, articles, and books throughout his career.

He is also an Adjunct Professor and the co-founding director of the Smithsonian – Mason School of Conservation; a partnership between the Smithsonian and George Mason University. He has worked professionally in over sixty countries and his conservation and biodiversity programs have trained several hundred professionals from many nations. He has been an invited speaker and presenter at over 250 meetings, seminars, workshops and other events. The diversity of his work has reached thousands of students, field practitioners, and senior government officials worldwide.

Dr. Francisco Dallmeier received his undergraduate degree in Biology from the Central University of Venezuela and his Master and Ph.D. in Wildlife Management from Colorado State University.

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International Association for Impact Assessment Code of Conduct

As a self-ascribed professional member of IAIA, the information and services that I provide must be of the highest quality and reliability. I consequently commit myself:

- To conduct my professional activities with integrity, honesty, and free from any misrepresentation or deliberate bias.
- To conduct my professional activities only in subject areas in which I have competence through education, training, or experience. I will engage, or participate with, other professionals in subject areas where I am less competent.
- To take care that my professional activities promote sustainable and equitable actions as well as a holistic approach to impact assessment.
- To check that all policies, plans, activities, or projects with which I am involved are consistent with all applicable laws, regulations, policies and guidelines.
- To refuse to provide professional services whenever the professional is required to bias the analysis or omit or distort facts in order to arrive at a predetermined finding or result.
- To disclose to employers and clients and in all written reports, any personal or financial interest that could reasonably raise concerns as to a possible conflict of interest.
- To strive to continually improve my professional knowledge and skills and to stay current with new developments in impact assessment and my associated fields of competence.
- To acknowledge the sources I have used in my analysis and the preparation of reports.
- To accept that my name will be removed from the list of self-ascribed professional members of IAIA should I be found to be in breach of this code by a disciplinary task-group constituted by the IAIA Board of Directors



Francisco Dallmeier

Director, Center for Conservation Education and Sustainability
Smithsonian Conservation Biology Institute