

Launch Webinar
**Compendium of National EIA
Professional Recognition Schemes**

Josh Fothergill FIEMA CEnv

28 March 2019

Moderator: Bridget John, IAIA (bridget@iaia.org)



IAIA's Webinar Series

- A Rapid Tour of **Emerging Technologies** and IA
- Accessing and Interpreting **Biodiversity** Information for High-level Biodiversity Screening
- Empowering **Indigenous Voices** in Impact Assessment
- Understanding Impacts on Vulnerable Populations through **Psycho-Social Impact Assessment**
- **Health** Considerations in Impact Assessment
- **Resettlement** and Impact Assessment – Points of Intersection
- *And several more...*

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Housekeeping

Recording? ✓

Questions? ✓

Slides available? ✓



Webinar Housekeeping
Webinar ID: 275-918-366
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Launch Webinar

**Compendium of National EIA
Professional Recognition
Schemes**

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Outline

The Research - Inspiration, Activities, Project Team

The Findings - Presence / Absence, Scheme Characteristics, Recognition Trends

The Compendium - Report, Country Sheets, Enhancement & Future Activities

Q&A



The Research

Identify Environmental Impact Assessment (EIA) related competency requirements across a range of national and institutional actors, facilitating improved knowledge sharing in this area, and establishing the foundations to enable the IAIA to explore the opportunity of greater co-ordination of IA competency around the globe, in line with the aims of its strategic direction.

Inspiration for the Research

My Context

- EIA Quality Mark,
- IEMA Professional Standards,
- Skills for a sustainable economy

IAIA Experience and Connections

- HKI EIA partnership
- Netherlands Commission for Environmental Assessment
- Nagoya 2016: *The Principles of Collaboration for Country Safeguard Systems*

Country Profiles

The screenshot displays the website for the Netherlands Commission for Environmental Assessment (mer). The header features the logo and the text "netherlands commission for environmental assessment" with a "25 years" anniversary mark. Navigation links include "home", "news", "environmental assessment", "our work", "countries & profiles", "publications", and "about us". A search bar is located in the top right corner.

The main content area is titled "Benin" and includes a "Profile" section with links for "General", "EIA profile", and "SEA profile". Below this, a "See also" section lists "Webpages (26)", "Projects (8)", and "Library (1)". A photograph shows a group of people walking in a rural landscape.

A sidebar on the left lists "Countries & profiles" under the "Africa" region, with "Benin" highlighted. Other countries listed include Burundi, Cameroon, Central African Republic, Congo Brazzaville, Egypt, Ethiopia, Ghana, Kenya, Mali, and Mozambique.

A "Disclaimer country profiles" section on the right states: "The information provided here gives a generic overview of a countries EIA and/or SEA system. It cannot be taken as legal advice nor should it substitute case specific counsel by the relevant country authorities. Although efforts are made to give up-to-date information, there may have been changes in the EIA or SEA systems of a country since the latest update."

<https://www.eia.nl/en/countries>

Research: Activities & Timeline



Research Grant 2017

IAIA Innovation Grants are designed to fund activities that advance the IA community and can be delivered within a six to nine-month period.

Project Activity 2017

- 1) Scoping (March – April) IAIA Montreal
- 2) Data Gathering (April – August) IAIA Montreal
- 3) Assessment (September - October)
- 4) Reporting (November)
- 5) Follow-up & Update (May 2018 – Feb 2019)

The Project Team



Josh Fothergill

Founder & Director

Fothergill Training & Consulting Ltd



Ross Marshall

Owner - Leading Green

The Findings

- Presence / Absence
- Data & Forms
- Scheme Data Sheets
- Scheme Findings



Findings: Presence / Absence

Over a third of the world's countries - The research has been able to provide confidence on presence / absence.

Individual professional recognition **present in 41 locations** (40 Countries)

Data available to project gave confidence individual scheme **absent in 35 locations** (33 Countries), but organisational schemes may exist



Findings: Presence – Data & Forms

24 of 41 generated sufficient **data** to analyse

Two main forms of recognition scheme

A) Regulatory (19 Countries + Flanders, Belgium)

B) Voluntary (3 Countries + Hong Kong SAR)



Findings: Scheme Data Sheets



Compendium of National Professional Recognition Schemes: Individual EIA Practitioners



Country:	China		
Individual EIA Practitioner recognition is	<input checked="" type="checkbox"/> Present in this country <input type="checkbox"/> Absent from this country		
Basis:	LEGAL REQUIREMENT	VOLUNTARY	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Operator	Ministry of Environmental Protection / Appraisal Centre for Environmental Engineering		
Weblink/s:	http://datacenter.mep.gov.cn/index!MenuAction.action?name=402880fb250ac78001250acbb7740004 [In Chinese only]		
Description: <small>(Incl. if scheme is specific to a region)</small>	Initial registration via annual national EIA examination, since ~2002. Exam includes 4 subjects: EIA laws & regulations; EIA guidelines & standards; EIA methods; and EIA cases analysis. Applicants must pass all subjects within 2 years to gain EIA Engineer certification. EIA Engineers must work for a (separately) registered EIA firm to practice.		
SCHEME REQUIREMENTS			
Competency Criteria:	<input type="checkbox"/> EIA Experience	<input type="checkbox"/> Wider IA Experience	<input checked="" type="checkbox"/> Sector Experience
	<input checked="" type="checkbox"/> EIA Knowledge	<input checked="" type="checkbox"/> EIA Skills	<input checked="" type="checkbox"/> EIA Behaviours
	<input checked="" type="checkbox"/> Academic Qualifications	<input checked="" type="checkbox"/> Pre-qualification Exam	<input type="checkbox"/> Pre-qualification Training
	<input type="checkbox"/> Other:		
APPLICATION REQUIREMENTS			
Application Contents	<input type="checkbox"/> Fee Payment	<input checked="" type="checkbox"/> Application Form	<input type="checkbox"/> References
	<input type="checkbox"/> EIA Competence Report	<input type="checkbox"/> Copy of Qualifications	<input type="checkbox"/> Signed Verification
	<input type="checkbox"/> CV	<input type="checkbox"/> Copy of EIS content	<input checked="" type="checkbox"/> Proof of ID
	<input type="checkbox"/> Other:		
OPERATIONAL REQUIREMENTS			
Validity Period	<input type="checkbox"/> Lifetime <input type="checkbox"/> So long as individual pays annual renewal fee <input checked="" type="checkbox"/> Time limited, renewal required every Choose an item.Years		
	On-going Registration Requirements	<input checked="" type="checkbox"/> Sign a Code of Practice <input checked="" type="checkbox"/> Annual CPD Return <input type="checkbox"/> Other:	
	<input type="checkbox"/> Act as a Mentor	<input type="checkbox"/> Share Knowledge (e.g. Case Studies)	

About this Data Sheet:	
Original Compiler/s:	Josh Fothergill & Ross Marshall
Updater	-
Version Control:	Version 1.0
Date of Original	31 October 2017
Last Updated:	31 October 2017
Source of Evidence	<input checked="" type="checkbox"/> Survey Response
	<input type="checkbox"/> Online Research
	<input checked="" type="checkbox"/> In-Country Expert
	<input type="checkbox"/> IAIA Member
Additional Comments:	Initial examination and links between individual & firm registration, makes the scheme more complex than most.
Confidence in Data Sheet content	<input type="checkbox"/> Verified data <input checked="" type="checkbox"/> Further verification needed

**Example:
China**



Findings: **Regulatory Schemes**



Location	Demonstrable EIA Experience	Evidenced Academic Qualifications	Pre-registration Exam / Training	Verification / References Required	Renewal Period <5 years	Follow EIA Code of Practice	Provide Evidence of On-going CPD	Notes [- = further data needed]
Malaysia	*	*	*	*	*	*	*	
China	*	*	*		*	*	*	
Czech Republic	*	*	*		*	-	-	
Philippines	*	*	*		-	-	-	
South Africa	*	*		*	-	*	*	Update Required
Vietnam	*	*	-	-	-	-	-	Incomplete data
Myanmar	*	*		*	*	*		
Tanzania	*	*		*	*	*		
Estonia	*	*			*	-	-	
Kenya	*	*			-	*		
El Salvador	*	*			-	-	-	
Nigeria	*	*			-	-	-	
Beglium (Flanders)	*	*				-	*	
Thailand	*	-		*	*	*	*	
Mozambique	*	-	-	-	-	-	-	Incomplete data
India	*				*		*	
Indonesia	-	-	*	-	-	-	-	Incomplete data
Peru	*	-						Incomplete data
Japan	-	-	*			-	-	Incomplete data
Uganda	-	-	-	-	-	-	-	Incomplete data

What trends exist in such schemes?



Global Trends

The number of EIA legislative systems with an expectation related to professional expertise has **risen considerably in the past 5 years**

Increasing competence expectations in wider arena:

- DFID, World Bank ESF, ISO 14001-2015

Newer schemes moving beyond EIA knowledge to place **more focus on key IA skills / behaviours**

(Sound judgement, Collaboration, Communication, etc)



Regulatory vs Voluntary?

Common Core: Years of experience, academic qualifications, fee, EIA knowledge & skills

Voluntary - all run by professional body

- All have **multiple levels of recognition & code of practice**
- **On-going learning (CPD)** - evidenced and supported

Regulatory - majority central Government managed

- Levels, Code practice and CPD often absent
- Need for **regular renewal** (<5yrs)



The Compendium

- Launch
- Materials
- Next Steps

Compendium of National
Recognition Schemes:
Individual Environment
Assessment (EIA) Pract

Compendium of National Professional Recognition Schemes: Individual EIA Practitioners

Country: **China**

Basis: LEGAL REQUIREMENT Present in this country Absent from this country

Operator: Ministry of Environmental Protection / Approval Centre for Environmental Engineering

Weblink/s: <http://datacenter.mep.gov.cn/index.html>

Description: These regulations via annual nation of EIA examination, issue 'EIA Exam' provides 1 subjects: EIS laws & regulations; EIA guidelines & standards; EIA methods and EIA cases analysis. Applicants must pass all subjects within 2 years to gain EIA Engineer certification. EIA Engineers must work for a (temporarily) registered EIA firm to practice.

Competency Criteria:

- EIA Experience
- EIA Knowledge
- Academic Qualifications
- Other

Application Contents:

- Fee Payment
- EM Competence Report
- CV
- Other

Validity Period:

- Lifetime
- So long as individual pays annual renewal fee
- Time limited, renewal required every 1 (one) to 10 (ten) Years
- Act as a volunteer
- Share knowledge (e.g. Case Studies)

On-going Registration Requirements:

- Annual CPD Return
- Other

About this Data Sheet:

Original Compiler/s: Josh Fathalligil & Ross Marshall

Version Control: Version 1.0

Date of Original: 31 October 2017

Last Updated: 31 October 2017

Source of Evidence:

- Survey Response
- Online Research
- In-Country Expert
- IAIA Member

Confidence in Data Sheet content:

- Initial examination & firm registration, makes the scheme more complex than most.
- Verified data
- Further verification needed

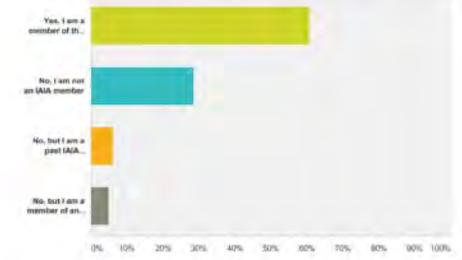
Submitted to the IAIA Board of Directors October 2017

Updated February 2019

EIA & ESIA Professional Recognition Survey

Q1 Are you a member of the International Association for Impact Assessment (IAIA)?

Answered: 14, Skipped: 1



Answer Choices	Responses
Yes, I am a member of the IAIA	66.71% 51
No, I am not an IAIA member	28.97% 24
No, but I am a past IAIA member	5.88% 5
No, but I am a member of another IAIA-affiliated professional organization	4.38% 4
Total	84

#	Please specify your affiliation/other EIA-related professional organization:	Date
1	IEEMA	5/28/2017 7:44 AM
2	IAAZ	6/30/2017 8:18 AM
3	Green	6/29/2017 2:53 PM
4	IEEMA, CWEM	6/24/2017 3:49 PM
5	Vim Assessors	6/24/2017 1:06 AM
6	ESIANZ	6/23/2017 11:11 PM
7	IEEMA	6/22/2017 2:07 AM
8	Association for Environmental Impact Assessment of Nigeria	6/22/2017 2:54 AM
9	Portuguese IAIA affiliate - Portuguese Professional Association of Engineers	6/12/2017 1:23 AM
10	Quality Council of India - NABET	6/14/2017 1:29 PM
11	Uganda Association of Impact Assessment (UAI) and National Environmental Management Authority (NEMA)	6/12/2017 1:18 AM
12	ESANZ	6/11/2017 4:50 AM

Compendium:
Blank Scheme Sheets
For Your Input



Appendix B

IAIA Professional Recognition Scheme Compendium:

Recognition of Individual EIA Practitioners

Blank Sheet – For Growing and Updating the Compendium

This sheet is designed to be used by IAIA Members / other IA professionals to either update existing / complete new entries into the IAIA's:

Compendium of National Professional Recognition Schemes: Individual EIA Practitioners

Instructions to user:

1. Please review the IAIA's online database to identify whether the national / regional scheme you have information on is already contained in IAIA's compendium.
 - If it is, and you feel it is up-to-date, no further action is required.
 - If it is, but you believe the information within it is either out of date, or its accuracy could be improved, please complete the form overleaf
 - If it is not included, please complete the form overleaf
2. Once you have completed the form overleaf, including with information about yourself (under 'About this Data Sheet'), please email it to info@iaia.org with the email subject line – Update to IAIA's Professional Recognition Compendium



Compendium of National Professional Recognition Schemes: Individual EIA Practitioners



Disclaimer: IAIA takes no position on the value of impact assessment accreditation processes, as a whole, nor does it endorse this specific program.

Country:		
Individual EIA Practitioner recognition is	<input type="checkbox"/> Present in this country <input type="checkbox"/> Absent from this country	
Basis:	LEGAL REQUIREMENT <input type="checkbox"/>	VOLUNTARY <input type="checkbox"/>
Operator		
Weblink/s:		
Description: (Incl. if scheme is specific to a region)		

About this Data Sheet:

Original Compiler/s:	Name
Updater	Name
Version Control:	Version x.x
Date of Original	Day Month Year
Last Updated:	Day Month Year
Source of Evidence	<input type="checkbox"/> Survey Response <input type="checkbox"/> Online Research <input type="checkbox"/> In-Country Expert <input type="checkbox"/> IAIA Member
Additional Comments:	
Confidence in Data Sheet content	<input type="checkbox"/> Verified data <input type="checkbox"/> Further verification needed

SCHEME REQUIREMENTS

Competency Criteria:	<input type="checkbox"/> EIA Experience	<input type="checkbox"/> Wider IA Experience	<input type="checkbox"/> Sector Experience
	<input type="checkbox"/> EIA Knowledge	<input type="checkbox"/> EIA Skills	<input type="checkbox"/> EIA Behaviours
	<input type="checkbox"/> Academic Qualifications	<input type="checkbox"/> Pre-qualification Exam	<input type="checkbox"/> Pre-qualification Training
	<input type="checkbox"/> Other:		

APPLICATION REQUIREMENTS

Application Contents	<input type="checkbox"/> Fee Payment	<input type="checkbox"/> Application Form	<input type="checkbox"/> References
	<input type="checkbox"/> EIA Competence Report	<input type="checkbox"/> Copy of Qualifications	<input type="checkbox"/> Signed Verification
	<input type="checkbox"/> CV	<input type="checkbox"/> Copy of EIS content	<input type="checkbox"/> Proof of ID
	<input type="checkbox"/> Other:		

OPERATIONAL REQUIREMENTS

Validity Period	<input type="checkbox"/> Lifetime	
	<input type="checkbox"/> So long as individual pays annual renewal fee	
	<input type="checkbox"/> Time limited, renewal required every Choose an item.Years	
On-going Registration Requirements	<input type="checkbox"/> Sign a Code of Practice	<input type="checkbox"/> Act as a Mentor
	<input type="checkbox"/> Annual CPD Return	<input type="checkbox"/> Share Knowledge (e.g. Case Studies)
	<input type="checkbox"/> Other:	



Missing Data – Can you help?

- **Albania**
- **Belize** – No *live* scheme, but Reg 2 (SI 24, 2007) specifies *suitably qualified persons* must deliver EIA
- **Bolivia**
- **Botswana**
- **Burundi** – sourced from NCEA country EIA profile data
- **Cameroon** – sourced from NCEA country EIA profile data
- **Congo Brazzaville**
- **Egypt** – legislation in place, but scheme does not appear to have been implemented

- **Ethiopia**
- **Fiji**
- **Guatemala**
- **Macedonia**
- **Namibia**
- **Peru**
- **Rwanda**
- **Zambia**
- **Zanzibar**

Missing Data – Can you help?

Yes you can!
Thank You

- **Albania**
- **Belize** – No *live* scheme, but Reg 2 (SI 24, 2007) specifies *suitably qualified persons* must deliver EIA
- **Bolivia**
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- **Fiji**
- **Guatemala**
- **Macedonia**
- **Namibia**
- **Peru**
- **Rwanda**
- **Zambia**
- **Zanzibar**

Post-launch
IAIA member
updates for
Ethiopia
& **Uruguay!**



The Future

- **Expansion**

Organisational, HIA, SEA, etc

- **Brisbane**

Ross Marshall & Poster

- **Seville**

Sessions, Presentations



Summary

Competence is critical to effective IA

Recognition schemes provide a focus and impetus toward competence, but are no guarantee of quality in themselves

Interest and use of such schemes appears to be growing

IAIA's members hugely valuable data source.

Compendium = potential build & maintain complete record

Conference & symposia = opportunity to build momentum



ANY
QUESTIONS
?

Thank You!



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E: Josh@fothergilltc.com



www.iaia.org/iaia-research-innovation-grant-2017.php

or

www.iaia.org > Resources > Publications >

Other Reference and Guidance >

Compendium of National IA Professional Recognition Schemes

- [Compendium](#)
- [Data sheets by country](#)
- [Form to submit for a new country](#)
- [Results from online survey](#)



EVOLUTION or *Revolution*: Where next
for impact assessment?

29 April – 2 May
Brisbane, Australia

<https://conferences.iaia.org/2019>

Registration deadline: 5 April

спасибо 谢谢
GRACIAS 谢谢
THANK YOU
ありがとうございました MERCI
DANKE धन्यवाद
شكراً OBRIGADO

IAIA

International Association
for Impact Assessment

www.iaia.org