DIGITAL IA: EXPLORING ENVIGO AND iREPORT EXAMPLES OF DIGITAL IA WORKSPACES

9 March 2022

IAIA

**International Association
for Impact Assessment**

Welcome!

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#iaiawebinar

- ✓ **Webinars on demand, available to all**:
  - • **ESG**: What Is It, Why Is it Important, and How Does It Relate to IA?
  - • **COVID Impacts** on E&S Field Assessment Work *and many more!*

- ✓ **Webinars**
  - **16 Mar:** Making the most of conference networking **Members only**
  - **23 Mar:** EU taxonomy of sustainable activities: Implications for IA systems **Free**
  - **29 Mar:** Emerging technologies for biodiversity IA **Free**

- ✓ **Upcoming events**, including the IAIA22 annual conference and NEW online training courses

- ✓ **Online training and mentorship** through the Professional Development Program

- ✓ **Free downloadable publications**, like Best Practice Principles, IA FasTips, and more

Find these resources and more at
www.iaia.org

Housekeeping

✓ Recording?

✓ Questions?

✓ Slides available?

DIGITAL IA: EXPLORING ENVIGO AND iREPORT EXAMPLES OF DIGITAL IA WORKSPACES

Moderator: **Josh Fothergill**
Fothergill Training & Consulting
UK

Panelists: **Nikola Nikacevic**
Eon+
Serbia

Paul Eijssen
Royal Haskoning DHV
Netherlands

Tom Moekotte
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The State of Digital IA Practice
Webinar Series

Exploring Envigo and iReport
Examples of Digital IA Workspaces

The State of Digital IA Practice Report was formally launched **8 December 2021**

Accessible, here:

https://www.iaia.org/publications.php
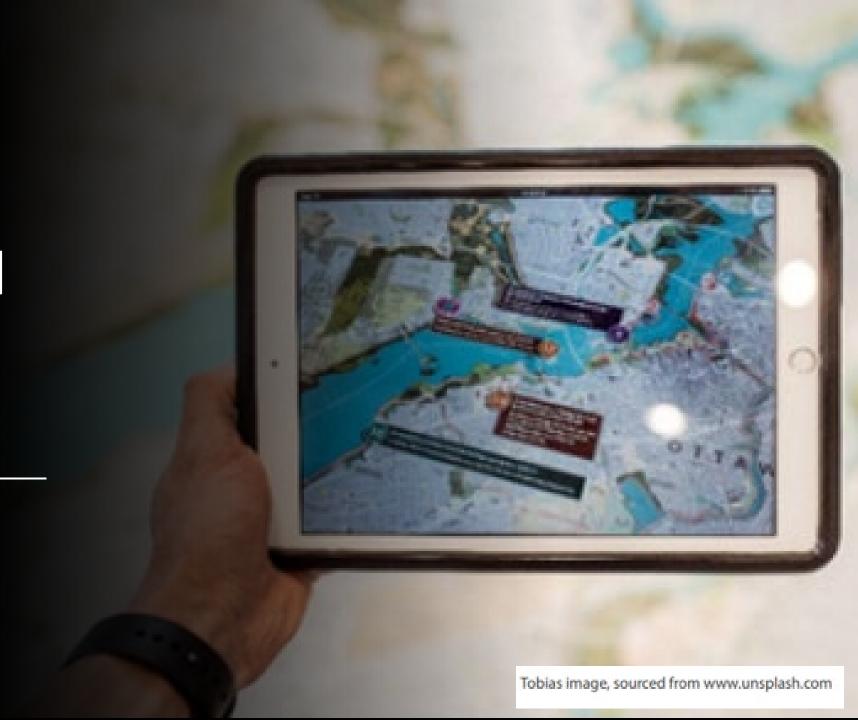
and here:

https://www.fothergilltc.com/digital

Webinar recording here:

https://www.youtube.com/watch?v=dtK9fkKscqc

What is Digital Impact Assessment?

Defining Digital IA...

- No adopted definition of what digital IA is considered to be.
- Lots of different views based on experience and perspective on IA practice

"The use of advances in digital technologies and their applications in the pursuit of enabling more effective IA practice."

Fothergill & Murphy , 2021

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Digital Transformation of IA
A Global Phenomenon

North America:
- Canada, Environmental database management system
- IFC, Artificial Intelligence, and data innovation for social license

Europe
- Iceland, Early example of the potential of digital EIS
- Netherlands, Digital EIS, diagnostic tool country ESIA systems
- Serbia, Envigo digital IA platform

Asia
- China (Hong Kong), Virtual and hybrid reality systems
- Singapore, Autonomous vehicles + automated decision support systems
- Nepal, drones + digital air quality devices

South America
- Chile, Remote sensing and live database EIA follow-up
- Guyana, Imagery + GIS to map coastal ecosystem services, with in-field verification.

Africa
- Kenya, Drones surveys
- Nigeria, Developing digital EIA project + drone surveys
- South Africa, digital screening platform

Australasia
- Australia, digital EIA studies, reports and monitoring system.

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The Report Explores **10 Elements** of Digital IA Practice

Digital Impact Assessment

Digital Approaches & Technologies enabling progress in Digital IA	Digital Transformation within Aspects of the IA process
Inter-IA and online environmental and social management systems	Digital screening tools
Digital baseline data capture devices	Digital IA platform / workspace
Artificial intelligence (AI) in IA	Digital stakeholder engagement
IA and virtual, augmented & mixed realities	Digital EIS and web-based reporting
Online learning and capacity building	Digital follow-up: monitoring and auditing

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Digital IA Workspaces (Digital IA Platform / Ecosystem)

IA and IT professionals working to create dedicated digital systems that seeks to house all/part of the collaboration and exchange activities that occur within the IA process into dedicated systems.

Examples include:

- **UNITED KINGDOM**: CROSSRAIL 2'S DIGITAL SCOPING WORKSPACE

- **GLOBAL (via SERBIA)**: ENVIGO - A COMPREHENSIVE SYSTEM FOR DIGITAL ESIA

- **GLOBAL**: CONSULTANCIES – ROYAL HASKONING, AECOM, XODUS GROUP, ETC.

Royal Haskoning

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*Exploring
Digital IA Workspaces:*
- **Envigo**
- **iReport**

SpaceX image, sourced from
www.unsplash.com

Upcoming Webinars

Members only

16 Mar: Making the most of conference networking

Members: watch your email or IAIAConnect for the registration link.
Non-members: join IAIA now at https://iaia.org/membership.php.

For members and non-members

Check out our upcoming webinars and register at https://iaia.org/webinars.php.

23 Mar: EU taxonomy of sustainable activities: Implications for IA systems

29 Mar: New approaches to longstanding challenges: Emerging technologies and analyses for biodiversity impact assessment