IAIAsa

FROM ROAR TO REVOLUTION:
UNLEASHING THE FUTURE OF INTEGRATED
ENVIRONMENTAL MANAGEMENT
ANNUAL CONFERENCE
27-30 AUGUST 2024 - RUSTENBURG

PRELIMINARY CONFERENCE PROGRAMME & DETAILS

2024

PROGRAMME OVERVIEW

Tuesday 27 AUGUST 2024	
11h00-12h30	Lunch
12h30-17h00	CONFERENCE REGISTRATION
16h30 - late	Cocktail Evening

WEDNESDAY 28 AUGUST 2024	
07h00 – 16h00	CONFERENCE REGISTRATION
08h00 – 09h00	SESSION 1 – OPENING PLENARY
09h00- 10h30	BREAKAWAY SESSIONS x 3
10h30 – 11h00	TEA BREAK
11h00 – 12h30	BREAKAWAY SESSIONS x3
12h30 – 13h30	LUNCH
13h30 – 15h00	BREAKAWAY SESSIONS x3
15h00 – 15h30	TEA BREAK
15h30 – 17h00	BREAKAWAY SESSIONS x3
19h00 – 21h30	EVENING ENTERTAINMENT AND DINNER

THURSDAY 29 AUGUST 2024	
07h00 – 16h00	CONFERENCE REGISTRATION
08h00 – 09h00	SESSION 1 – OPENING PLENARY
09h00- 10h30	BREAKAWAY SESSIONS x3
10h30 – 11h00	TEA BREAK
11h00 – 12h30	BREAKAWAY SESSIONS x3
12h30 – 13h30	LUNCH
13h30 – 15h00	BREAKAWAY SESSIONS x3
15h00 – 15h30	TEA BREAK
15h30 – 17h00	BREAKAWAY SESSIONS x3
19h00 – 21h30	EVENING ENTERTAINMENT AND DINNER

FRIDAY 30 AUGUST 2024	
07h00 – 16h00	CONFERENCE REGISTRATION
08h00 – 09h00	SESSION 1 – OPENING PLENARY
09h00- 10h30	Session 2 - PLENARY
10h30 – 11h00	TEA BREAK
11h00 – 12h30	CLOSING PLENARY
12h30 – 13h30	LUNCH

From Roar to Revolution: Unleashing the Future of Integrated Environmental Management (cont.)

The **world is facing a myriad of challenges** due to climate change, biodiversity loss, environmental degradation, pollution and waste. Moreover, **planetary boundaries** such as climate change, biosphere integrity, biogeochemical flows, land system change, freshwater change and novel entities have **now exceeded their tipping points increasing the risk of generating large-scale rapid or irreversible environmental changes affecting people and ecosystems**. *Since these boundaries are interrelated processes within the complex biophysical Earth System,* **to increase sustainability,** *the* **global focus** *should not be on climate change only but on climate, pollution and biodiversity loss.*

From Roar to Revolution: Unleashing the Future of Integrated Environmental Management (cont)

The complex nature of these challenges also suggests that we need urgent comprehensive, informed, evidence-based and co-created solutions from multiple stakeholders while acting collaboratively to promote inclusivity, partnerships, and just transformation to reverse environmental degradation and support livelihoods.

Considering that we are in the Fourth Industrial Revolution (4IR) era, using artificial intelligence (including ChatGPT), machine learning, the Internet of Things (IoT) and big data requires synthesis from practitioners. Thus, integrating all these concepts and tools is necessary as we **reimagine the future of Integrated Environmental Management (IEM) in a rapidly transforming world through technology and innovation, sustainable finance, nature-based solutions, and ecosystem-based adaptation**.

The 2024 IAIAsa Conference, with its reimagined theme **"*Roar to Revolution: Unleashing the future of IEM*" is poised to promote and create an enabling environment** for inclusive dialogue, share experiences and communicate best practices between practitioners, private sector, academics, policymakers and local communities on current scientific research and practices in environmental management.

THEME

From Roar to Revolution: Unleashing the Future of Integrated Environmental Management (cont)

Herewith below is a list of the subthemes;

- Achieving Biodiversity Conservation/Protection beyond the regulatory framework

- Revitalizing Ecosystems, and Restoring Prosperity: Financial Investment in Sustainable Futures

- Public Participation, Land acquisition, Involuntary Resettlement and Livelihood Restoration

- Environmental Legislation: Updates, Application and Compliance

- Meeting the regulatory requirements (checking boxes) or achieving positive outcomes (EIA, Auditing and EAs)

- Just Energy Transition and Energy Expansion

- The Future of Mining and IEM

- Harmony in Innovation: Unleashing the Power of Big Data, AI or Machine Learning, and Space Technology in IEM.

- Circular economy through sustainable waste management and IEM

- The role of IEM in navigating towards a pollution-free world

- Towards a Nexus Framework (e.g., Water, Energy and Food nexus)

- Thriving in the era of Climate Change (Risk and Vulnerability, Adaptation, Mitigation and Resilience)

- Connecting the dots: Systems thinking, SDGs, ESG for cross-cutting performance
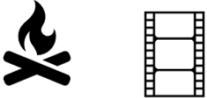
OPPORTUNITIES FOR INVOLVEMENT

PLEASE NOTE

- All submissions must be made (uploaded) to the IAIAsa 2024 abstract portal
- If accepted, papers receive an allocated slot on the programme for presentation
- Depending on the volume of abstracts submitted and potential overlap in topics, it may be necessary to direct some submissions to alternative options in the conference programme.
- PowerPoint presentations to be uploaded to the conference portal before the conference commences.
- <u>Oral paper presentations only</u>
  - Draft papers will be peer reviewed to improve the quality of papers.
  - Abstracts of the Draft papers will be included in the conference programme booklet.
  - Final papers to be available via the conference portal.

OPTIONS			
	PRESENTATION OPTIONS	**Page No.**	**ALLOTTED SCHEDULE TIME**
	ORAL PAPER PRESENTATIONS	5	15 mins, 5 min for questions
	LIGHTNING TALKS	5	10 min, 5 min for questions
	PANEL/ WORKSHOPS / DEBATE	6	1 Session (60 minutes) / as confirmed
	POSTER PRESENTATION	6	The Posters will be up for the duration of the conference; however, presenters will be at the poster for an hour during the cocktail evening
	IEM PHOTOGRAPHY: IMAGES THAT INSPIRE INNOVATIVE SOLUTIONS	7	Dependent on feedback and response
	FIRESIDE CHATS (by invitation only)	8	During registration, teas and lunch each day

OPPORTUNITIES FOR INVOLVEMENT cont.

KEY DATES		
ALL SUBMISSIONS	**Abstracts / Posters / Images**	**Monday, 6 May 2024**
	Feedback to authors (approval)	**Monday, 27 May 2024**
	Draft papers	**Wednesday, 7 June 2024**
	Review comments	**Friday, 21 June 2024**
	All Presenters Payments Due	Friday 12 July 2025
	Final papers	**Friday 26 July 2024**
	Conference	**From Wednesday, 28 August 2024**

Note:
For those seeking a 20 min slot on the Program the Oral Paper Presentation opportunity is provided

Presenters may use the services of the technical program committee members to review their draft papers. This promotes better quality delivery and provides an opportunity for those no longer affiliated with academic institutions to share their work ahead of presentation. Final papers may be submitted by 26 July for sharing with delegates

OPPORTUNITIES FOR INVOLVEMENT cont.

How to Prepare	
ORAL PAPER PRESENTATIONS	
PURPOSE	Presenters will deliver papers focusing on innovative or new applications or processes aligned with the themes in the conference programme.
FORMAT	Power Point Slide oral presentation, based on a paper that has been prepared and peer reviewed.
CRITERIA	Innovative or new concepts, applications or processes. Clear and distinct advancement of theory and practice. Aligned with themes and sub-themes of the conference.
SUBMISSION	Abstracts for conference papers or research must be submitted on the conference portal by the due date (no late submissions will be accepted). Abstracts should be a maximum of 300 words. Submissions should state the relevant theme for that paper. If accepted, papers receive a 15 minute slot on the programme for presentation and 5 minute discussion/question and answer session. Depending on the volume of abstracts submitted and potential overlap in topics, it may be necessary to direct some submissions to alternative options in the conference programme such as a Lightning Talk or Poster. Draft papers will be peer reviewed in order to improve the quality of papers. Abstracts of the Draft papers will be included in the conference programme booklet. Final papers to be available via the conference portal. PowerPoint presentations to be uploaded to the conference portal before the conference commences.
TIME	Max.15 mins, and 5 mins for questions

How to Prepare cont.

LIGHTNING TALKS

PURPOSE	To articulate a topic in a quick, clear and insightful manner. This allows for presentation on an interesting project.
FORMAT	The presenter needs to deliver a key message in no more than 5 to 6 slides. Alternatively, no slides may be used and presenter may talk through the topic.
CRITERIA	Abstract of 250 words. Aligns with themes and sub-themes of the conference. Knowledge or expertise in the field or topic of discussion.
TIME	10 minutes, 5 min for questions

PANEL DISCUSSION / WORKSHOPS / DEBATE

PURPOSE	This involves 5-10 participants on a "panel" with active audience interaction. It is a public exchange of ideas, giving experts and audience members the chance to discuss a particular topic.
FORMAT	Learning through Questions and Answers. Panel chairs/facilitators/moderators to submit proposal for Panel topic and abstract, together with proposal demonstrating careful selection of the list of Panelists. Presentation can be used if deemed necessary.
CRITERIA	Compelling, interesting, exciting and spicy topic. Panel Chair is an excellent facilitator. Panelists are experts in the topic field and there is a balance in perspectives. Panelists are passionate and interesting. Connect subject matter experts with audience
TIME:	45 minutes to 1.5 hour

How to Prepare cont.

POSTER PRESENTATION

PURPOSE	Presenter (or group of presenters) will place their posters up during the happy hour segment of the programme and present to viewers who are interested. Presenters to accompany their posters at all times throughout the session and should be able to talk freely on their topic and answer questions from viewers. Ideal for student projects (Masters/PhD) and more creative projects. Opportunity for presenters to speak about their posters for two minutes. The conference organising committee will provide mounting boards however researchers will be responsible for any additional material or visual aids necessary for their presentation.
FORMAT	Physical poster (other props and visual aids as necessary).
CRITERIA	Dimensions of the posters to be A0 - A1 size (or similar). Posters to be logical, clear and legible. Illustrations (if pertinent) to be clear and visible. Topics must align with sub-themes. Abstracts (250 words maximum) for Poster presentations for completed or ongoing research related to the conference themes should be submitted on the conference portal.
TIME	Duration of the conference but presenters to be available at their posters for the first hour of the cocktail evening

FIRESIDE CHATS (by invitation)

PURPOSE	An opportunity for small groups to meet (e.g. around a fire or in a cottage at the conference center) and have a chat on interesting topics, or projects in an exotic or challenging environment.
FORMAT	The facilitator could show a video, slides or tell a story to prompt the discussion. The facilitator initiates and guides a chat amongst a small group.
CRITERIA	Abstract or outline of 250 words from the facilitator Topics must be creative, interesting and lead to inter-active discussions and sharing of stories amongst the participants.
TIME	Approx 1 hour, in the late afternoon

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THANK YOU

WE LOOK FORWARD TO YOUR ENGAGEMENT!

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