**IGF 2021 Main Session**

**Environment, sustainability and climate change**

1. **Title**

The future of environment data

The impact of environment data on sustainability and internet governance

….

...

1. **Date :** Wednesday, 8 December 2021, 09.30 - 11.00 CET
2. **Duration: up to 100 min**
3. **Associated Programme Themes:** climate change, environmental issues, data governance, data protection.
4. **Brief Description/Objective :**

Even though we still need more work and more evidence , the digital world has a strong influence on the environment (and vice versa). The environmental footprint of the digital world is estimated to virtually amount to a 7th continent (or up to 5.6% of humanity’s global footprint). At the same time, digital technologies can be of paramount importance in effectively tackling environmental issues. Operations related to information and communications technologies (ICT) are expected to represent up to 20 percent of global electricity demand, with one third stemming from data centres alone. Digital technologies also have a significant contribution to climate change.

Collecting and analyzing data can help predict the weather, or the most advantageous crops time. Using open access data, small and decentralized projects can bring attention to localized environmental issues that might otherwise be overlooked. Data collection includes localized environmental issues e.g biodiversity, weather, local farmer culture which might help the local farmer to develop their ability and resilience to develop their farm.

Within this scope, the session will discuss the meaning of environmental data, how it could take advantage of data governance along with the role to disseminate the negative impact on the environment.

As data also has an impact on the multistakeholder interest , including policy makers, we also discuss how data could contribute to better and more informed policy decisions. Collection of data needs good governance and policy makers need to raise their capacities in grasping use of data in their decisions.

1. **Policy Questions**

Suggestion to focus the policy question on the environmental data governance and the impact on the policy maker. It will also align with the work of PNE on the section on environmental data.

The policy questions we will work with are

* What is environmental data and how its significance in the internet governance fora, related to sustainability?
* How to make sure that data positively impacts sustainability? How to establish an environmental data governance that takes global vs. indigenous/regional data into account?
* How to effectively use the potential of a multistakeholder community such as the IGF to advance policy making in the environmental sustainability / digitalisation sector?
* How the future of environment data could taking account into the improvement of society.

1. **Session Agenda :**   
   Introduction and opening by moderator

Topic one : What is environmental data and its importance

Topic two : Environmental data governance : global data vs indigenous data

Topic three : The impact of data governance on multistakeholder parties and policy making

Intersection dialogue (among three topics)

Q&A

Closing

1. **Chair and Moderators :**

**Chair - onsite :**

* **Michael Oghia (suggestion)**
* Kathryn Sforcina (suggestion)

**Moderator online :**

* Juliana Harsianti

1. **Speakers (all speakers are still suggestion, waiting for confirmation)**

| **Name** | **Title** | **Organization** | **Status** |
| --- | --- | --- | --- |
| Ilias Iakovidis | Advisor European Union | EU Commission | Suggestion  [Circular economy action plan (europa.eu)](https://ec.europa.eu/environment/strategy/circular-economy-action-plan_en) |
|  |  | Microsoft | Suggestion |
| Inger Andersen | Executive Director | UNEP | Suggestion |
| lily edinam botsyoe | IT Community Engagement Lead | Hackton | confirmed |
| Youssef Nassef | Director, Adaptation | UNFCCC | Suggestion, he can speak about the Resilience frontier initiative by the UNFCCC [Towards a transformed future - Resilience Frontiers](http://www.resiliencefrontiers.org/) |
| [Tilman Santarius](http://www.santarius.de/en/tilman-santarius/) | TU Berlin | TU Berlin | Suggestion |
| Dirk Assmann | Director General | GIZ | Suggestion |
| [Katie Patrick](http://katiepatrick.com/) | Environmental Spokesperson (Environmental Engineer) | Energy Lollipop | Suggestion |
| ? |  | Nigerian Youth SDG | Suggestion |
| [Mr. Dirk Meyer](https://www.hertie-school.org/en/who-we-are/profile/person/meyer) | Head of Department | Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) | Suggestion |
| Emma Stewart | Netflix Sustainability Officer | Netflix | Suggestion  <https://www.linkedin.com/in/emmastewart/>  <https://about.netflix.com/en/sustainability> |
| Xiye Bastida | Youth Climate Activist and Winner of the Spirit of the UN Award  Co-Founder | Re-Earth Initiative | Suggestion  <https://www.linkedin.com/in/xiye-bastida-377394199/> |

1. **Rapporteurs:**

Afi Edoh

1. **Plan for participant engagement/interaction :**
2. **Facilitators**

Juliana Harsianti

Joyce Chen

Tereza Horejsova

1. **Desired results/output. Possible next steps for the work**

Sustain work in the issue of environmental and digitalization in the future IGF and impact on the policy makers, as well as best practices.

1. **Annex Documents and Sources**
2. **Links to SDGs**