Guiding Questions

- What analytical elements would you want to see in the new system?
- How far does the proposed model cover them?
  - What features or capabilities in the prototype were difficult for you to see?
- What are specific/unique analysis views you would like that would meet your needs?
- Which baseline and context information are most relevant to include/ connect with to enhance analysis (e.g., calculating ratios, visualizing relationships)?
- What customized/ self-service analytics are you likely to need/use?
Key feedback points

- **Main questions or concerns**
  - Visualizations must reflect transparency (reported, not reported (modelled) data, not disaggregated data).
  - Disaggregation: difficulties to incorporate historical, geographical and by effects.
  - Integrating analysis with baseline data may be extremely dangerous as well – maybe the system should stick to just disaster data and let people do analysis, and in any case be very transparent about how data was manipulated.

- **Strengths and popular features**
  - Visualizations must reflect transparency (reported, not reported (modelled) data, not disaggregated data).
  - Disaggregation: difficulties to

- **To revise, correct or add**
  - Data collection of baseline to be linked-addressed to the official institutions (as NSOs).
  - Context information as Poverty, Employment, population pyramids. Evolution of baseline data in time-space preventing precise analysis

- **Other suggestions**
  Transparency of data manipulations above showing raw data.
Group B - Report Back Presentation
Breakout Group - Session 2
3rd May 2023
Key feedback points

- **Analytics tools for the system**
  - Spatio-temporal analysis, with disaggregation
  - Generation of statistics, including trends to assist decision making (basing on past data, projections for future decisions)
  - Open-source data for maps (Google maps etc.), thematic maps
  - Option to encode using open text when data is not available yet even if that doesn’t allow direct analysis
  - Useful data analytics examples would be a road cut by a flood, droughts
  - Information based on nature
  - Multi-risk analysis

- **Baseline data**
  - Ability to have baseline data on vulnerability (poverty per region, flooding zones, equipment such as roads, rail, bridges, shelters etc.)
  - Pollution is an effect, not a baseline
  - What format?
    - Shapefile, usual other formats, including tab files, interoperability on code used for data import, time stamped metadata
  - Authoritative source?
    - World bank, UNEP, other UN sources

- **Self service tools for analytics**
  - Data platforms based on real time APIs (incl. geoJSon protocols)
  - Widgets powered by the system for different type of reporting
Guiding Questions

• What analytical elements would you want to see in the new system?
• How far does the proposed model cover them? What features or capabilities in the prototype were difficult for you to see?
• What are specific/unique analysis views you would like that would meet your needs?
• Which baseline and context information are most relevant to include/ connect with to enhance analysis (e.g., calculating ratios, visualizing relationships)?
• What customized/ self-service analytics are you likely to need/use?
• What is the most authoritative, accurate and complete source for each type of baseline (pre-disaster)/context/statistics and metadata data? What challenges do you anticipate in data integration?
Key feedback points: Group C – Breakout Group Discussion 2

Main questions or concerns

- Translation into local languages
- Transparency of the system
- Connectivity of politically/legally sensitive use cases/GIS systems
- Reporting capacity development
- Sustainability is key
- Purposes and boundaries: the scope of data inclusion

Strengths and popular features

- International science council hazard information profiles + WMO CHE
- Visualization aspects
- Divide data to public and private
- Multi-hazard and cross border analysis
- Coordination at all levels

To revise, correct or add

- Indicators on rescue services
- Losses disaggregated by sectors (direct/indirect/sub-national/sub-sector)
- Data security / hosting arrangements
- Visualize recorded losses in relation to modern risks
- Cascading effects to be properly reflected

Other suggestions

- Automation of return period for hazards and impacts
- Empirical data to be distributed by week/month & disaggregated analysis
- Comparative analysis for hazard events and impacts/ multi-hazard/ multi sector
- Historical trend analysis
- Code on Github
- Using AI for translating into risk information
Key feedback points

- **Main questions or concerns**
  - Data collection important when considering visualization
  - IT infrastructure for analytics (i.e., requirements for servers to manage high vol. of data and processing)
  - Modular functionality

- **To revise, correct or add**
  - Options for ‘simple’ visualizations (improving on DesInventar outputs)
  - Visualizing non-economic losses
  - How to manage small countries in map visualization (esp. in case of SIDS)

- **Strengths and popular features**
  - Option to create outputs for various audiences
  - Connection to external sources of data (interoperability)

- **Other suggestions**
  - Have option for export for use of data in GIS platform
  - Option for showing macro-economic impact
  - Option for climate change projections and visualizing with impact and hazard data
  - Animation option for visualizing data
Online Group - Report Back Presentation

Breakout Group - Session 2

3rd May 2023
Key feedback points

- **Main questions or concerns**
  - Have a transparent Currency conversion methodology and maintain local currency at a specific time.
  - The system should support interactive maps & report generation in a ready-to-present format e.g. PPT, PDF.
  - The users should have an option of customization and export of charts in the portal.
  - The dashboard should support cross sectoral analysis.

- **Strengths and popular features**
  - The event viewer works well. Being able to choose events.
  - Ability to import/export geo data (GeoJSON currently supported in the prototype)

- **To revise, correct or add**
  - More intuitive navigation of the site in general
    - Map-based navigation. Bidirectional connection between map and filters/navigation elements
  - Ability to compare between different time periods
  - Configurable time periods across dashboards, and in reporting section e.g. fiscal years.
  - Aggregation by income bands

- **Other suggestions**