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|  |  | | | | **JCA-AHF** |
|  |  | | | | **Original: English** |
| **Question(s):** | | JCA-AHF | | Virtual Geneva, 28 April 2021 | |
| **DOCUMENT (Ref:** [**FG-AI4NDM-LS1**](https://www.itu.int/ifa/t/2017/ls/fg-ai4ndm/sp16-fg-ai4ndm-oLS-00001.docx)**)** | | | | | |
| **Source:** | | Focus Group on AI for Natural Disaster Management (FG-AI4NDM) | | | |
| **Title:** | | LS on invitation to provide inputs to the roadmap of AI activities for natural disaster management [from FG-AI4NDM] | | | |
| **Purpose:** | | Discussion | | | |
| **LIAISON STATEMENT** | | | | | |
| **For action to:** | | | ITU-T SG2, SG5, SG11, SG13, SG20, SG16, FG-AI4H, FG-AI4EE, ITU-D SG1, ITU-D SG2, JCA-AHF, JCA-IoT and SC&C, ITU-R SG5, ITU-R SG7, ISO TC292, ETSI EMTEL, IEC Syc Smart Cities, ETC, OGC | | |
| **For comment to:** | | | - | | |
| **For information to:** | | | FG-AI4AD | | |
| **Approval:** | | | FG-AI4NDM e-meeting (Virtual, 17 March 2021) | | |
| **Deadline:** | | | 30 June 2021 | | |
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| **Keywords:** | Artificial Intelligence; Natural Disaster Management; SDO |
| **Abstract:** | This Liaison Statement aims to inform about the opportunity to contribute to a roadmap on AI activities (in the context of data, modelling, and communication technologies) in natural disaster management. |

The ITU/WMO/UNEP Focus Group on AI for Natural Disaster Management (FG-AI4NDM), established by ITU-T Study Group 2 in December 2020, is exploring the potential of AI to support data collection and handling, to improve modelling across spatiotemporal scales by extracting intricate patterns (and gaining insights) from a growing geospatial volume data, and to provide effective communication.

A key deliverable of FG-AI4NDM will be a roadmap of AI activities (in the context of data, modelling, and communication technologies) for natural disaster management.

The roadmap is envisioned to include a list of relevant standards (both approved and under development) from standards developing organizations (SDOs) and should facilitate the efficient coordination of related activities within ITU-T Study Groups and other SDOs.

To ensure that relevant activities at your organization are included in this roadmap, you are invited to provide an outline of these activities to the ITU-T FG-AI4NDM Secretariat ([tsbfgai4ndm@itu.int) by](mailto:tsbfgai4ndm@itu.int)%20by) completing the form contained in [Annex 1](#Annex1).

The terms of reference of FG-AI4NDM including information on upcoming meetings can be found on the group’s homepage: <http://itu.int/go/fgai4ndm>.

We appreciate your contribution to the roadmap and look forward to working together.

**Annex: 1**

Annex 1

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| Category title | Explanation |
| Acronym | Identifier for the standard |
| SDO | Official name of the Standard Developing Organization |
| Title | Name of the standard |
| Description | Brief summary of the standard. Can include: To what does this standard apply? What is the context or problem being addressed? What are the goals of the standard? |
| Main disaster group | Specifies whether the standard applies to natural disasters and/or other types of disasters |
| Disaster management phase | Specifies the phase of the disaster management cycle that is relevant for this standard (mitigation, preparedness, response, or recovery) |
| Relevant technologies | Indicates the types of technologies that are impacted by the standard. Includes artificial intelligence (AI), internet of things (IoT), unmanned aerial vehicles (UAV), and early warning systems |
| Status | What is the current status of the standard (to be submitted, submitted, accepted, etc.)? |
| Link | Provides a website where more detail can be found |
| Contact | Provides the name of a contact person to access more information |

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