



**Appendix 2.2**

**Report of International Conference Presentation**

Name: (Presenter)	Tham Mau Luen
Affiliation:	Universiti Tunku Abdul Rahman (UTAR), Malaysia
Project Title:	Context-Aware Disaster Mitigation using Mobile Edge Computing and Wireless Mesh Network
Name of International Conference: (Link to website)	The 13th International Conference on Ubiquitous and Future Networks <a href="https://icufn.org/">https://icufn.org/</a>
Title of Research Paper:	Efficient Device-Edge Inference for Disaster Classification
Name of all Co-authors (if any)	Nathaniel Tan Sze Yang (UTAR), Sing Yee Chua (UTAR), Ying Loong Lee (UTAR), Yasunori Owada (NICT), Suvit Poomrittigul (PIT)
<p>Comments or feedback received at the conference:            Comment: How do you collect the disaster dataset?            Answer: From public sources found online.</p>	
<p>Contribution to the project:            We propose a lightweight disaster classification model that recognizes four types of natural disaster plus one non-disaster class. To support real-time applications, the proposed model is optimized with OpenVINO, which is a neural network acceleration platform.</p>	
<p>Photos</p>  <p>ICUFN 2022</p> <p><b>Efficient Device-Edge Inference for Disaster Classification</b></p> <p>Tham Mau Luen</p>  <p><b>UNIVERSITI TUNKU ABDUL RAHMAN</b> DU012(A) 拉曼大學(優大)  <small>Wholly owned by UTAR Education Foundation Co. No. 578227-M</small></p> <p><i>Broadening Horizons Transforming Lives</i>      德智体群修 群美新并重</p>	



## ICT Virtual Organization of ASEAN Institutes and NICT (ASEAN IVO)

---

### [Required Documents]

- A) Presentation Materials (e.g. PPT slides)
- B) Final Program of the conference

Reporter: Tham Mau Luen

Date: 8 July 2022