



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

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**Appendix 2.2**

**Report of International Conference Presentation**

Name: (Presenter)	Natthaphol Pornpholkullapat, Warit Phankrawee
Affiliation:	National Electronics and Computer Technology Center (NECTEC)
Project Title:	Visual IoT Network for Environment Protection and Disaster Prevention
Name of International Conference: (Link to website)	<a href="#">iSAI-NLP 2023</a>
Title of Research Paper:	FireSpot: A Database for Smoke Detection in Early-stage Wildfires
Name of all Co-authors (if any)	Natthaphol Pornpholkullapat, Warit Phankrawee, Peraphat Boondet, Thin Lai Lai Thein, Phoummixay Siharath, Jennifer Dela Cruz, Ken T.Marata, Kanokvate Tungpimolrut and Jessada Karnjana
Comments or feedback received at the conference: (e.g. Questions or comments received by your presentation)	
<b>Q: Why don't we use YOLOv8 instead of YOLOv5?</b> <b>Ans</b> We implemented the model to showcase the dataset, Since YOLOv5 is stable and popular. So we didnt need to choose the later version of YOLO.	
<b>Q: For every spot which photographer stand can see the smoke or not?</b> <b>Ans</b> Yes, because we went to every site and selected the spot by looking at the perspective of the location which can see all the fire spot locations.	
Contribution to the project: (e.g. Summary of your session or other sessions related with your presentation)	
Database construction, Machine learning modeling, Literature Survey and Site survey.	
Photos	







**[Required Documents]**

- A) Presentation Materials (e.g. PPT slides)  
[Fire Spot Smoke Dataset](#)
- B) Final Program of the conference  
[ISAI-Program](#)

Reporter:                     Jessada Karnjana                      
Date:                     28 November 2023