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## RESEARCH INTERESTS

Internet of Things, IR4.0, Peatland Environment, Paddy Agriculture, Smart Fish System Aquaculture, Digital transformation, Educational Technology, Computer Network and Security

## SELECTED RECENT PUBLICATIONS

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See: <https://scholar.google.com/>

[IoT-based environmental monitoring system for Brunei peat swamp forest](#)

[Opportunities in using visual IOT in the mitigation for peatland area](#)

[Towards Developing a Peatland Fire Prevention System for Brunei Darussalam: Proceedings of the Computational Intelligence in Information Systems Conference \(CIIS 2018\)](#)

[Internet of things \(IoT\) with CoAP and HTTP protocol: A study on which protocol suits IoT in terms of performance](#)

[Exploring data security and privacy issues in internet of things based on five-layer architecture](#)

[Brunei Darussalam–Impact of COVID-19 on Brunei’s higher education teaching](#)

[Evaluating students' personality and learning styles in higher education: Pedagogical considerations](#)

[Find my trustworthy fogs: A fuzzy-based trust evaluation framework](#)

## RESEARCH, DEVELOPMENT & DEPLOYMENT PROJECTS

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Networked ASEAN Peatland Communities (NAPC) in Badas, Belait, ([PUJA](#), [ASEAN IVO](#), [UTB](#), [MYCE](#), [STI](#) )

Smart Watering System for Paddy in IBTE Agro, Wasan ([NICT](#), [MYCE](#), [News](#))

Road Accident Data Enhancement and Development, MKKJR, JPD ([CfTR](#), [News](#) , [MTIC](#))

Smart Fish Systems for giant prawns, seabass and haruan, UTB ([CIPTA](#))

## REGIONAL ACHIEVEMENTS

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National Finalist for ASEAN Science for Women 2020 & 2021 respectively ([ASEAN SCIENCE](#), [2020](#), [2021](#))

ASEAN Science and Technology Fellowship 2019/2020 ([ASTF](#))