

ผศ.ดร.ณัฐพงศ์ แก้วบุญมา
(Asst. Prof. Dr.Nattapong Kaewboonma)

1. ตำแหน่งทางวิชาการ ผู้ช่วยศาสตราจารย์

2. ประวัติการศึกษา

ระดับ	ชื่อปริญญา (สาขาวิชา)	ชื่อสถาบัน, ประเทศ	ปี พ.ศ. ที่จบ
ปริญญาเอก	PhD (Information Studies)	มหาวิทยาลัยขอนแก่น ประเทศไทย	2557
ปริญญาโท	MSc (Science Education-Computer)	สถาบันเทคโนโลยีพระจอมเกล้าเจ้าคุณทหารลาดกระบัง ประเทศไทย	2550
ปริญญาตรี	BBA (Business Education-Computer)	สถาบันเทคโนโลยีนราชนรมิต ประเทศไทย	2544

3. ผลงานทางวิชาการ

3.1 หนังสือตำรา หรือเอกสารประกอบการสอน

3.2 งานวิจัย

3.3 บทความทางวิชาการ

3.3.1 ตีพิมพ์ในวารสารระดับชาติ

ณัฐพงศ์ แก้วบุญมา, Kulthida Tuamsuk และ วนิดา แก่นอากาศ. (2556).

“ชุดข้อมูลแบบบูรณาการเพื่อการจัดการภัยแล้งของกลุ่มน้ำชี.” **CRMA Journal วารสารวิชาการโรงเรียนนายร้อยพระจุลจอมเกล้า, 2013** (Volume 11, Issue). หน้า pp.59-74.

Tuamsuk, K., Kaewboonma, N., Chansanam, W., & Leopenwong, S. (2016). “ Taxonomy of Folktales from the Greater Mekong Sub-region.” **Knowledge Organization Journal, 43** (1). หน้า 431-440.

Kaewboonma, N., Tuamsuk, K. and Buranarach, M. (2014). “Ontology Modeling for Drought Management Information System. .” **LIBRES Research Electronic Journal, 24** (1). หน้า 21-33.

Kaewboonma, N., Tuamsuk, K. and Kanarkard, W. (2014). “Ontology Development for Drought Management Information.” **International Journal of Metadata, Semantics and Ontologies, 9** (4). หน้า 324-332.

Kaewboonma, N., Tuamsuk, K., and Kanarkard, W.. (2013). “ Knowledge Organization of Integrated Water Resources Management: A Case of Chi River Basin, Thailand.” **Journal of Information and Organization Science, 37** (2). หน้า 103-116.

Kaewboonma, N., Tuamsuk, K., Kanarkard, W.. (2013). “ Knowledge Acquisition for the Design of Flood Management Information System: Chi River Basin, Thailand. .” **Procedia - Social and Behavioral Sciences, 73** (1). หน้า 109-114.

3.3.2 ตีพิมพ์ในวารสารระดับนานาชาติ

Detthamrong Umawadee, Prabpala Seksak, Takhom Akkharawoot, Kaewboonma Nattapong, Tuamsuk Kulthida & Chansanam Wirapong. (2024). "THE CAUSAL RELATIONSHIP BETWEEN CRYPTOCURRENCIES AND OTHER MAJOR WORLD ECONOMIC ASSETS: A GRANGER CAUSALITY TEST". **ABAC Journal, 2567** (Volume 44, Issue 1). Page Pages 124 - 144.

URL:

- Chansanam Wirapong, Poonpon Kornwipa, Jaroenruen Yuttana & Kaewboonma Nattapong. (2022). "Global Research Trend of Korean Popular Music: A Bibliometric Analysis". **Journal of Scientometric Research, 2565** (Volume 11, Issue 3). Page Pages 419 - 426.
- Chansanam Wirapong, Poonpon Kornwipa, Jaroenruen Yuttana & Kaewboonma Nattapong. (2022). "Global Research Trend of Korean Popular Music: A Bibliometric Analysis". **Journal of Scientometric Research, 2565** (Volume 11, Issue 3). Page Pages 419 - 426.
- Chansanam, W. , Jaroenruen, Y. , Kaewboonma, N. , Tuamsuk, K. (2022). "Culture knowledge graph construction techniques". **Education for Information, 38** (3). Page 233–264.
- Kaewboonma, N. , Chansanam, W. , Buranarach, M.. (2020). "Ontology-based big data analysis for orchid smart farming". **Libres, 29** (2). Page 91–98.
- Kaewboonma, N. , Chansanam, W. , Puttarak, P. , Damsud, T.. (2019). "Semantic knowledge management for herbal medicines used in primary health care". **Test Engineering and Management, 81** (11-12). Page 666–671.
- Lertkrai, J. , Lertkrai, P. , Kaewboonma, N.. (2019). "An ontology-based model for treatment guidelines of internet and games addiction". **International Journal of Recent Technology and Engineering, 8** (2 Special Issue 2). Page 113–117.
- Panawong, J. , Kaewboonma, N. , Chansanam, W. , Supnithi, T. , Buranarach, M.. (2019). "Building an ontology of Flora of Thailand for developing semantic electronic dictionary". **Journal of Advanced Research in Dynamical and Control Systems, 11** (8 Special Issue). Page 1126–1135.
- Panawong, J. , Kaewboonma, N. , Chansanam, W. , Supnithi, T. , Buranarach, M.. (2018). "Building an ontology of Flora of Thailand for developing semantic electronic dictionary". **Journal of Social Sciences Research, 2018** (Special Issue 6). Page 1024–1032.
- Tuamsuk, K. , Chansanam, W. , Kaewboonma, N.. (2018). "Ontology of folktales in the greater mekong subregion". **International Journal of Metadata, Semantics and Ontologies, 13** (1). Page 57–67.
- Kaewboonma, N. , Tuamsuk, K.. (2018). "Ontology of folk songs in the greater mekong subregion (GMS)". **Knowledge Organization, 45** (1). Page 33–42.
- Tuamsuk, K. , Kaewboonma, N. , Chansanam, W. , Leopenwong, S.. (2016). "Taxonomy of folktales from the greater mekong sub-region". **Knowledge Organization, 43** (6). Page 431–439.
- Kaewboonma, N. , Tuamsuk, K. , Kanarkard, W.. (2014). "Ontology development for drought management Information". **International Journal of Metadata, Semantics and Ontologies, 9** (4). Page 324–332.
- Kaewboonma, N. , Tuamsuk, K. , Buranarach, M.. (2014). "Ontology modeling for a drought management information system". **Libres, 24** (1). Page 21–33.
URL:
<https://bpb-us-e1.wpmucdn.com/blogs.ntu.edu.sg/dist/8/644/files/2014/10/LIBRESv24i1p21-33.Kaewboonma.2014.pdf>
- Kaewboonma, N. , Tuamsuk, K. , Kanarkard, W.. (2013). "Knowledge organization of integrated water resources management: A case of Chi river basin, Thailand". **Journal of Information and Organizational Sciences, 37** (2). Page 103–116.

3.3.3 ตีพิมพ์ในการประชุมวิชาการระดับชาติ

3.3.4 ตีพิมพ์ในการประชุมวิชาการระดับนานาชาติ (Proceedings)

- Kaewboonma Nattapong, Lertkrai Puriwat, Chanakot, Benjamin & Lertkrai Jutaporn. (2023). **Thai Rubber Leaf Disease Classification Using Deep Learning Techniques.** In 6th Artificial Intelligence and Cloud Computing Conference, AICCC 2023, During 16-18 December 2023. ACM International Conference Proceeding Series, Kyoto.
URL: <https://dl.acm.org/doi/pdf/10.1145/3639592.3639605>
- Lertkrai, P. , Kaewboonma, N. , Lertkrai, J.. (2018). **Developing ontology of food and nutrition for Thai pre-school.** In AIP Conference Proceedings, During 10 April 2018 through 12 April 2018. -, Georgetown, Penang.
URL: <https://aip.scitation.org/doi/epdf/10.1063/1.5055474?src=getftr>
- Panawong, J. , Kaewboonma, N. , Chansanam, W.. (2018). **Building an ontology of flora of Thailand for developing semantic electronic dictionary.** In -, During -, Georgetown, Penang.
URL: <https://aip.scitation.org/doi/pdf/10.1063/1.5055520>
- Kaewboonma, N., Tuamsuk, K.. (2017). **Digital Humanities Research Approach for Folksongs Studies.** . In Proceedings of the 13th International Conference, During July 15-18, 2017. Thai Studies, Chiang Mai, Thailand..
- Kaewboonma, N., Supnithi, T., Panawong, J.. (2017). **Developing Ontology for Thai Zingiberaceae: From Taxonomies to Ontologies.** In Proceedings of the 14th International Conference on Electrical Engineering/Electronics, , During June 27-30, 2017. Computer Telecommunications and Information Technology (IEEE Conference), Phuket, Thailand.
- Kaewboonma, N., Panawong, J., Pianhanuruk, E. and Buranarach, M.. (2017). **Development of Intelligent Semantic Search System for Rubber Research Data in Thailand.** In Proceedings of the International Conference , During April 3-5, 2017. Applied Science and Technology, Langkawi, Malaysia.
- Kaewboonma, N. , Supnithi, T. , Panawong, J.. (2017). **Developing ontology for Thai Zingiberaceae: From taxonomies to ontologies.** In ECTI-CON 2017 - 2017 14th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, During 27 June 2017through 30 June 2017. -, Phuket, Thailand.
- Kaewboonma, N. , Panawong, J. , Pianhanuruk, E. , Buranarach, M.. (2017). **Development of intelligent semantic search system for rubber research data in Thailand.** In AIP Conference Proceedings, During 3 April 2017through 5 April 2017. -, Langkawi, Kedah.
URL: <https://aip.scitation.org/doi/pdf/10.1063/1.5005406>
- Kaewboonma, N., Tuamsuk, K. . (2016). **Knowledge Organization of the GMS Folksongs for Ontology Development.** In Proceedings of the 7th Asia-Pacific Conference on Library & Information Education and Practice, During November 3-4, 2017. -, Nanjing, China.
- Tuamsuk, K., Kaewboonma, N., Chansanam, W., Leopenwong, S. . (2014). **Knowledge Organization of Folklores on Greater Mekong Sub-region.** In Proceedings of the 10th International Conference, During November 24-26, 2014. Knowledge Management, Antalya, Turkey.
- Kaewboonma, N., Tuamsuk, K. and Buranarach, M. . (2013). **An Ontology Modeling for Drought Management Information System.** . In Proceedings of the 5th International Conference , During July10-12, 2013. Asia-Pacific Library & Information Education & Practice, Khon Kaen, Thailand.
- Kaewboonma, N., Tuamsuk, K., Kanarkard, W.. (2013). **Knowledge Acquisition for the Design of Flood Management Information System: Chi River Basin, Thailand..** In Proceedings of the 2nd International Conference , During August 30 - September 3, 2012. Integrated Information, Budapest, Hungary.

Kaewboonma, N., Tuamsuk, K., Kanarkard, W.. (2011). **Development of Knowledge-based Decision Support System for Water Resources Management of Chi River Basin, Thailand.** . In Proceedings of the International Workshop , During October 24-27, 2011. Global Collaboration of Information Schools, Beijing, China.

4. ประสบการณ์การสอนระดับอุดมศึกษา ปี

5. ภาระงานสอน