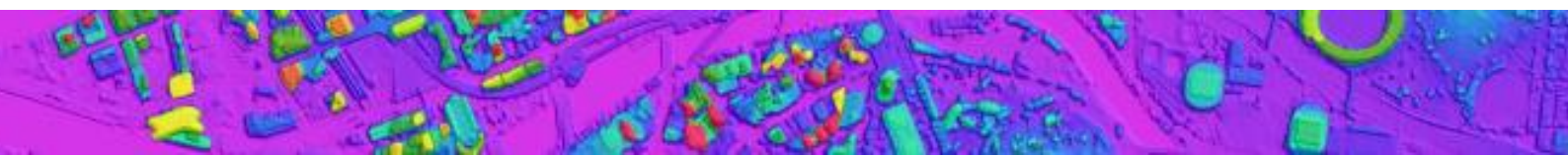




CURRICULUM VITAE

Dr (Cand). Ir. KETUT TOMY SUHARI, S.T., M.T., IPP.

Surveyor || Lecturer || Researcher



CURRICULUM VITAE PROFILE

A. IDENTITY

- Name** : Dr (Cand). Ir. Ketut Tomy Suhari, S.T., M.T., IPP.
- Place, Date of Birth** : Singaraja, 30 Mei 1996
- Emergency Address** : Jl. Jelantik Gingsir No. 48A, Bantang Banua, Sukasada subdistrict, Buleleng Regency, Bali Province, 81161, Indonesia
- Current Address** : Jl. Karangwidoro, Perumahan Pesona Mutiara Tidar Blok CA/12C, DAU subdistrict, Malang, East Java, 65151, Indonesia
- Phone Number/Email** : (+62)812-3682-8055/
ketut.tomy.suhari@gmail.com or
ksuhari@lecturer.itn.ac.id
- Work Unit and Employment Status** : 1. Department of Geodesy Engineering Study Program, Faculty of Civil Engineering and Planning, Institut Teknologi Nasional Malang, Malang City, East Java, Indonesia **(Lecturer);**
2. PT. Amerta Geospasial Indonesia, Bali, Indonesia **(Commissioner or Co-Founder);**
3. Cadastral Profession Certification institute (LSP Kadaster), Jakarta, Indonesia **(Quality Manager)**
- Employee ID/National Teaching ID (NIDN) License Number** : P. 103 20 00588/0730059601
: 1-0374-17 **(Licensed Cadastral Surveyor from Ministry of Agrarian Affairs and Spatial Planning / National Land Agency, Indonesia)**

B. EDUCATION

- 2013 – 2017** **Bachelor of Engineering (S.T.)** in Department of Geodesy Engineering, Institut Teknologi Nasional Malang
- 2015 – 2016** **Short-Course** at the 3D GIS Research Lab, Universiti Teknologi Malaysia (UTM)
- 2018 – 2020** **Master of Engineering (M.T.)** in Department of Geodesy and Geomatics Engineering, Institut Teknologi Bandung
- 2021** **Engineer (Ir.)** in Engineering Program, Universitas Diponegoro
- 2020 – Present** **Doctoral Program in Geodesy and Geomatics Engineering**, Institut Teknologi Bandung **(Doctoral Candidate)**

C. WORK EXPERIENCE

C.1. PROFESSIONAL POSITION EXPERIENCE

- 2020 – Present** As a **Lecturer** in Department of Geodesy Engineering, Faculty of Civil Engineering and Planning, Institut Teknologi Nasional Malang, Indonesia
- 2020 – Present** As a **Co-Founder/Commissioner** of PT. Amerta Geospasial Indonesia (AMGEOID), Indonesia
- 2018 – Present** As a **Quality Manager** at Cadastral Profession Certification Institute (LSP Kadaster), Indonesia
- 2017 – 2022** As a Head of Licensed Surveyor Service Office (KJSB) Ketut Tomy Suhari, Indonesia
- 2017 – 2020** As a **Coordinator** at Geospatial Profession Certification Institute (LSP) Regional Bali Province, Indonesia
- 2015 – 2016** As a **Researcher** at 3D GIS Research Lab, University Teknologi Malaysia (UTM) with case study titled “Developing Web-Based and Visualization of 3D GIS Modelling with CityGML and X3D” under the supervisor of Professor Alias Abdul Rahman

C.2. PROFESSIONAL ORGANIZATION EXPERIENCE

- 2022 – Present** Member of the Indonesian Engineers Association (*Persatuan Insinyur Indonesia*)
- 2021 – 2022** Executive Committee of the Indonesian Surveyor Association (*Ikatan Surveyor Indonesia - ISI*) Regional East Java
- 2017 – 2023** Member of the Indonesian Cadastral Surveyors Society (*Masyarakat Ahli Survei Kadaster Indonesia - MASKI*)
- 2017 – Present** Licensed Cadastral Surveyor from Ministry of Agrarian Affairs and Spatial Planning / National Land Agency (ATR/BPN) Indonesia
- 2015 – 2016** Coordinator of the Networking and Communication Department (*Jaringan dan Komunikasi - JARKOM*) at the Geodesy Student Association of ITN Malang
- 2014 – 2015** Chairman of the Hindu Dharma Student Association (*Ikatan Mahasiswa Hindu Dharma - IMHD*) at ITN Malang
- 2014 – 2015** Member of the Communication Forum of Indonesian Geodesy Students (Forkom Ikatan Mahasiswa Geodesi Indonesia - IMG I)

C.3. PROJECT EXPERIENCE

Year 2022

Project Name : 3D Mesh Editing
Project Location : Johor, Malaysia
Service User : Inet Spatial Sdn. Bhd
Company Name : PT. Amerta Geospasial Indonesia
Job Description : Coordinate 3D modelling and editing work
Project Duration : January to May 2022
Assignment Position : Cadastral Surveyor Coordinator
Reference : Mr. Nyoman Robby M. S., S.Pi., M.Pi (+62-812-3934-3412) – CEO

Year 2021

Project Name : 3D Modeling
Project Location : Selangor, Kuala Lumpur, Malaysia
Service User : Inet Spatial Sdn. Bhd
Company Name : PT. Amerta Geospasial Indonesia (AMGEOID)
Job Description : Coordinate 3D modelling
Project Duration : March to September 2021
Assignment Position : Koordinator SKB
Reference : Bpk. Nyoman Robby M. S., S.Pi., M.Pi (081239343412) – CEO

Year 2020

Project Name : Package I Other Services Work Quality Control of Land Mapping Measurement Activities (Third Party) Package II at Nganjuk Regency Land Office, Year 2020
Project Location : Nganjuk Regency, East Java Province, Indonesia
Service User : Nganjuk Regency Land Office of Branch ATR/BPN
Company Name : KJSKB Ketut Tomy Suhari
Job Description : Responsober for data quality in the measurement and mapping activities.
Project Duration : March to July 2020
Assignment Position : Leader Team
Reference : Addendum to the Employment Agreement, and Mr. Suprijo, A.Ptnh., M.Si.

Year 2019

Project Name : Land Surveying and Mapping Work in the Complete Systematic Land Registration (PTSL) Field, Swakelola, Gianyar Regency Land Office (Branch of ATR/BPN), 2018
Project Location : Gianyar Regency, Bali Province, Indonesia
Service User : Gianyar Land Office of Branch of ATR/BPN
Company Name : KJSKB Ketut Tomy Suhari
Job Description : Responsober for data quality in the measurement and mapping activities

Project Duration : March to September 2019
Assignment Position : Leader Team
Reference : Mr. Dewa (085237029571) – Sub-Department
Head of Gianyar Land Office of Branch ATR/BPN

Year 2018

Project Name : Land Surveying and Mapping Work in the Complete Systematic Land Registration (PTSL) Field, Package IV, Buleleng Regency Land Office (Branch of ATR/BPN) , 2018
Project Location : Buleleng Regency, Bali Province, Indonesia
Service User : Buleleng Land Office of Branch of ATR/BPN
Company Name : KJSKB Ketut Tomy Suhari
Job Description : Responsobe for data quality in the measurement and mapping activities
Project Duration : March to September 2018
Assignment Position : Leader Team
Reference : Official Report

Year 2018

Project Name : Land Surveying and Mapping Work in the Complete Systematic Land Registration (PTSL) Field, Package II, Buleleng Regency Land Office (Branch of ATR/BPN) , 2018
Project Location : Buleleng Regency, Bali Province, Indonesia
Service User : Buleleng Land Office of Branch of ATR/BPN
Company Name : KJSKB Ketut Tomy Suhari
Job Description : Responsobe for data quality in the measurement and mapping activities
Project Duration : March to September 2018
Assignment Position : Leader Team
Reference : Official Report

D. AWARDS AND PUBLICATIONS

D.1. AWARDS

2023 Speaker in the Proceedings of the International GeoLandSEA seminar (South East Asia Workshop on Geodetic Data Sciences, Geoinformatics and Land Administration), Yogyakarta, UGM, Indonesia ([February 8-9, 2023](#))
2022 Invited Speaker (Keynote Speaker) in the International Smart City Development and Planning Forum, Feng Chia University (FCU) in Taiwan ([January 12, 2022](#))
2021 Pratama Professional Engineer (IPP)

- 2020** Invited Speaker (*Keynote Speaker*) in the INA-CADASTRE DIGITAL EXPO 2020 (November 26, 2020)
- 2020** Speaker in the Proceedings of the International FIG Working Week Seminar, Amsterdam (April 16, 2020)
- 2019** Speaker in the Proceedings of the International GGT 2019 Seminar, Malaysia
- 2018** Speaker in the Proceedings of the National Agrarian and National Land Agency Seminar, Jakarta
- 2017** Speaker in the Proceedings of the International GGT 2017 Seminar, UTM, Malaysia
- 2017** Speaker in the proceedings of the International AIMC 2017 Seminar, UTM, Malaysia (May 1-2, 2017)
- 2017** Speaker in the Proceedings of the International ICCEREC 2017 Seminar, Yogyakarta, Indonesia (September 26, 2017)
- 2017** Best Graduate of Geodesy Engineering at ITN Malang (March 11, 2017)
- 2016** Speaker in the Proceedings of the International GEOICON 2016, Surabaya, Indonesia (November 24, 2016)
- 2016** National Presenter at the National Student Scientific Week (Pekan Ilmiah Mahasiswa Nasional - PIMNAS) 29th edition (August 8-11, 2016)

D.2. PUBLICATIONS

2022	Suhari, K. T. , Abidin, H. Z., Saptari, A. Y., Gunawan, P. H., Leksono, B. E., & Abdulharis, R. (2022, July). The Information Technology for Customary Cadastre in Penglipuran Village Using Dynamic BIM. In Software Engineering Perspectives in Systems: Proceedings of 11th Computer Science On-line Conference 2022, Vol. 1 (pp. 24-36). Cham: Springer International Publishing. (Scopus Q4)
2022	Suhari, K. T. , Abidin, H. Z., Saptari, A. Y., Gunawan, P. H., & Sudarsono, B. (2022, July). Conservation of Balinese Customary Buildings with BIM Technology Approach. In IOP Conference Series: Earth and Environmental Science (Vol. 1051, No. 1, p. 012007). IOP Publishing. (Prosiding Scopus – Q4)
2022	Alnando, N., Tjahjadi, M. E., & Suhari, K. T. (2022). Komparasi Model 3D Jembatan dari Pemotretan Konvergen dan Normal Menggunakan Drone. Jambura Geoscience Review, 4(2), 123-135. (Jurnal-Sinta 3)

2022	Priambodo, D. A., Tjahjadi, M. E., & Suhari, K. T. (2022). Pembuatan Model 3D Jalan Raya Bayat Untuk Keperluan Existing Menggunakan Metode Foto Udara (UAV) di Klaten. <i>Teras Jurnal</i> , 12(1), 177-190. (Jurnal-Sinta 3)
2022	Purwanto, H., Suhari, K. T. , Tjahjadi, M. E., & Setyawan, D. A. (2022). 3D Topography Modeling from Integrating Bathymetric and Aerial Imagery for Sermo Reservoir Monitoring. In IOP Conference Series: Earth and Environmental Science (Vol. 1051, No. 1, p. 012008). IOP Publishing. (Prosiding Scopus - Q4)
2022	Tjahjadi, M. E., Parsamardhani, L. A., & Suhari, K. T. (2022). Bridge Structural Deformation Monitoring Using Digital Camera. In IOP Conference Series: Earth and Environmental Science (Vol. 1051, No. 1, p. 012009). IOP Publishing. (Prosiding Scopus - Q4)
2022	Suhari, K. T. , Sai, S. S., Purwanto, H., Andinisari, R., Suyadnya, I. G. A. Y., & Utami, R. B. (2022). Studi Literatur dan Implementasi Pemanfaatan Point Cloud Dalam Rekonstruksi Batas Ruang. <i>Prosiding SEMSINA</i> , 3(1), 173-177. (Prosiding)
2021	Suhari, K. T. , Leksono, B. E., Meilano, I., Gunawan, P. H., & Saputra, N. R. M. (2021) Implementation of 4D Cadastre Concept for Land Dispute Potential and Solution of Post Natural Disaster in Palu, Indonesia. (Prosiding)
2020	Tridawati, A., Wikantika, K., Harto, A. B., Ghazali, M. F., Suprihatini, R., & Suhari, K. T. (2020). Investigation method for shaded coffee plantation detection using aerial photography. In IOP Conference Series: Earth and Environmental Science (Vol. 500, No. 1, p. 012034). IOP Publishing. (Prosiding Scopus - Q4)
2019	Suhari, K. T. , Saptari, A. Y., Laksono, B. E., Saputra, N. R. M., & Gunawan, P. H. (2019). Implementation Of 3D Cadastre With Indigenous Knowledge Concept Of "Tri Hita Karana" In Bali Island, Indonesia. <i>The International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 42, 615-619. (Prosiding Scopus - Q2)
2017	Suhari, K. T. , Karim, H., Gunawan, P. H., & Purwanto, H. (2017). Small ROV Marine Boat for Bathymetry Surveys of Shallow Waters-Potential Implementation in Malaysia. <i>International Archives of the Photogrammetry, Remote Sensing & Spatial Information Sciences</i> , 42. (Prosiding Scopus)

2017	Suhari, K. T. , & Gunawan, P. H. (2017). The Anyar River depth mapping from surveying boat (SHUMOO) using ArcGIS and surfer. In 2017 International Conference on Control, Electronics, Renewable Energy and Communications (ICCREC) (pp. 227-230). IEEE. (Prosiding Scopus)
2017	Gunawan, P. H., & Suhari, K. T. (2017). Interpolating redundant spatial data from SHUMOO boat survey due to the current directions of Anyar river. In 2017 International Conference on Control, Electronics, Renewable Energy and Communications (ICCREC) (pp. 153-158). IEEE. (Prosiding Scopus)
2016	Suhari, K. T. , Apriyandika, K. S., & Rahmawati, M. (2016). The small hydrography marine boundary boat (SHUMOO) for mapping bathymetry of shallow water area. In Proceedings of The 1st Geomatics International Conference (GEOICON) 2016 "Utilization of Satellite Technology for Natural Resources Exploration. (Prosiding)

I have prepared this curriculum vitae with utmost truthfulness and a sense of responsibility. If there are any intentional or suspected false disclosures, I am prepared to take responsibility and make corrections to any inaccurate information if required.

Malang, April 17, 2023,

Dr (Cand). Ir. Ketut Tomy Suhari, S.T., M.T., IPP.