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## SKILLS SUMMARY

- Fullstack WebGIS Development: Django and NodeJS (backend), Angular, OpenLayers, LeafletJS (frontend), Ionic (Hybrid App)
- Free and OpenSource GIS Software and Libraries (e.g. QGIS)
- Geospatial Data Science Machine Learning & Deep Learning with Python
- Geospatial Information Infrastructure Development: Geonode, Geonetwork, TerriaMap, Mapstore
- Game Engine for Geospatial Visualization (Augmented and Virtual Reality) with Unity and UnrealEngine
- Open Source Remote Sensing Software: Google Earth Engine & Python Libs
- OpenSource 3D Reconstruction: WebODM, OpenMVG, MVS-T

## LANGUAGE PROFICIENCY

English (TOEFL IBT Score: 98, ITP score 617)

## COURSES TAUGHT

- Web-based Geographic Information System
- Computer Graphics
- Digital Image Processing
- Photogrammetry I and II
- Remote Sensing
- Computer Programming

# DANY PUGUH LAKSONO

## RESEARCHER - LECTURER

### RESEARCH INTERESTS

- Geovisual Analytics
- Geospatial Modeling and Visualization,
- Fullstack Web GIS development
- Geospatial Data Science
- Augmented Reality and Virtual Reality for Geospatial Visualization
- Development and Utilization of Free and Open Source GIS

### EDUCATIONAL HISTORY

Department of Computer Science, City, University of London  
Ongoing

- Focus on visual analytics and visualization of energy networks in the UK
- Tackling the issues of large geospatial data visualization and visual analytics for decision making related to energy networks, especially in alignment with the UK's target for Net Zero Strategy.

Department of Geomatics Engineering, UGM, Indonesia

Master of Geomatics Engineering | Sep 2013 - Jan 2016

- GPA: 3.86 (4.0 Scale)
- Thesis titled "CloudSfM: 3D Reconstruction using Structure from Motion Webservice". Discussed the development of a SaaS web application based on Angular and NodeJS to perform SfM/MVS 3D Reconstruction in the cloud

Department of Geodetic Engineering, UGM, Indonesia

Bachelor of Geodetic Engineering | Aug 2007 - Jul 2011

- GPA: 3.56 (4.0 Scale)
- Thesis titled (in Indonesian) "3D Visualization of Lahar Flood Disaster in Code River, Yogyakarta". Discussed about hydrological flood modeling and 3D GIS visualization of flood in Yogyakarta area post-Merapi Eruption in 2010

### WORK EXPERIENCES

#### Lecturer

Department of Geodetic Engineering | May 2017 - present

- Teach courses (related to GIS, Photogrammetry and Remote Sensing), conduct research and community-services
- Member of Geoinformatics and Geospatial Information Infrastructure Laboratory and Center for Spatial Data Infrastructure Development

### SELECTED PUBLICATIONS

- Aditya, Trias, **Laksono, Dany**, Susanta, Febrian F., Istarno, I., Diyono, D., Ariyanto, Didik (2020). *Visualization of 3D Survey Data for Strata Titles*. ISPRS International Journal of Geo-Information, 9(5), 310.
- Laksono, Dany**, Aditya, Trias (2019). *Utilizing A Game Engine for Interactive 3D Topographic Data Visualization*. ISPRS International Journal of Geo-Information, MDPI Gaming and Geospatial Information
- Aditya, Trias, **Laksono, Dany**, Izzahuddin, Nur (2019). *Crowdsourced Hotspot Validation and Data Visualization for Location-Based Haze Mitigation*. Journal of Location Based Services
- Laksono, Dany** (2018). *Testing Spatial Data Deliverance in SQL and NoSQL Database Using NodeJS Fullstack Web App*, 4th International Conference on Science and Technology (ICST), Yogyakarta, Indonesia
- Julzarika, Atriyon; **Laksono, Dany**; Subehi, Luki; Dewi, Esthi Kurnia; Kayat; Sofiyuddin, Hanhan A. (2018) *Comprehensive integration system of saltwater environment on Rote Island using a multidisciplinary approach*. Journal of Degraded and Mining Lands Management, Vol VI-1, p. 1553-1567

## BOOKS/TUTORIALS

- **Building Footprint Extraction from Historical Map.** Department of Geodetic Engineering, UGM. (2021).  
<https://github.com/danylaksono/historical-map-extraction>
- **Geospatial Data Science Crash Course.** Department of Geodetic Engineering, UGM. (2021).  
<https://github.com/danylaksono/gds-crashcourse>
- **OpenCV for Digital Image Processing.** Department of Geodetic Engineering, UGM (2020).  
<https://github.com/danylaksono/OpenCV-PCD>
- **Free and Open-Source GIS (FOSS-GIS) Enterprise.** Indonesia Ministry of Public Works.  
<https://www.danylaksono.com/panduan-fossgis/>
- **Introductory ArcGIS Notebook.** Indonesia Ministry of Public Works.  
<https://www.danylaksono.com/docs/arcgis-notebook/>
- **Photogrammetry II Course Guide.** Department of Geodetic Engineering, UGM (Published Internally)
- **QGIS and InaSAFE Training Material (beginner, intermediate and advanced).** Australia-Indonesia Facility for Disaster Reduction (AIFDR)

## COMMUNITY SERVICES

- **WebGIS and Eco-tourism Master Plan, Desa Karangtengah, Imogiri, Bantul, Yogyakarta** (2020). Develop a Village WebGIS based on UAV orthophoto data for asset management and eco-tourism mapping
- **Collaborative Mapping and Development of 3D Map of Desa Sinduadi, Mlati, Sleman** (2019). Build WebGIS for collaborative mapping based on aerial photogrammetry and interactive 3D map of Sinduadi Village
- **Development of Village Information System in Desa Segoroyoso Kecamatan Pleret Kabupaten Bantul, Yogyakarta** (2017). Develop a WebGIS for Village asset management and detailed mapping of Segoroyoso Village, Yogyakarta
- **Scenario Development Training in 6 Provinces of Republic of Indonesia** (2013). Deliver training materials for local disaster management agencies (BPBD) in disaster-prone areas in Indonesia

## SOFTWARE DEVELOPMENTS

- **Starling.** Fullstack WebGIS. Angular, ExpressJS, OpenLayers. Used e.g. in Sitaru (<http://geoportal.klatenkab.go.id/sitaru/>)
- **Game of Peat.** Android AR Location-based Game. Unity3D
- **3D Cadastre Prototype.** Web Portal for 3D Cadaster Data. Cesium and TerriaMap
- **Geopark4Rote.** ArcGIS Story Map and WebApp
- **CloudSfM.** SaaS 3D Reconstruction. NodeJS, AngularJS, OpenMVG, MVS-T, FSSR
- **UGM in 3D.** Interactive 3D web. Unity and Mapbox
- **Hosting Spatial ESDM Geoportal.** Geonode & Geonetwork Geoportal
- **InaSmartSea.** Android App for Fisherman. Ionic and OpenLayers

## SELECTED PROJECTS

- **3D Cadaster Pilot Project on Jakarta Mass-Rapid Transit (MRT) Stations.** Ministry of Agrarian Affairs and Spatial Planning/National Land Agency (ATR/BPN) (2020). *Field Supervisor and Software Developer*
- **Review on National Spatial Data Infrastructure** Geospatial Information Agency (BIG) (2020). *Consultant*
- **Review of Validation method and Data Security on PetaKita App.** Geospatial Information Agency (2019). *Consultant*
- **Development of Spatial Planning Information System (SIMTARU) of Klaten Regency.** Office of Spatial Planning and public works of Klaten Regency (2019). *Lead Developer*
- **Development of Medium-Term Development Plan (RPJM) 2020-2024** Ministry of Agrarian Affairs and Spatial Planning/National Land Agency (ATR/BPN) (2019). *Project Assistant*
- **Spatial Data Infrastructure Roadmap for North Kalimantan Province.** North Kalimantan Development Planning Agency (2018). *Consultant*
- **Crowdsourcing Peat Fire in Pulau Padang, Riau** (2017). *Lead Developer*
- **Boundary Delineation and Delimitation in Ijen Crater between Banyuwangi and Bondowoso Regencies.** East Java Province Local Government (2016). *GIS Analyst*
- **Ina-SmartSea: Android App for Regional Sea Planning Information System for Fishermen.** Directorate of Marine, Coastal Region and Small Islands, Ministry of Maritime Affairs and Fisheries (2015). *App Developer*

## CONFERENCE PRESENTATION

- **Geomatics and Geospatial Technologies (GGT) 2019.** Kuala Lumpur, Malaysia (*Poster Presentation*)
- **Geospatial Information Infrastructure Symposium (SIIG) 2019,** UGM Yogyakarta (*Keynote Speaker*)
- **International Conference on Science and Technology (ICST 2018).** UGM Yogyakarta (*Paper Presentation*)
- **International Conference on Information and Technology (ICIT 2017),** NTU, Singapore. (*Conference Attendee, co-author*)
- **National Seminar on Applied Technology 2017,** Universitas Gadjah Mada Vocational School. Yogyakarta (*Paper Presentation*)
- **National Conference on Cartography 2016,** Indonesian Association of Cartography (AKI). Yogyakarta (*Paper Presentation*)
- **Annual Scientific Forum, Indonesian Surveyor Association (FIT-ISI) 2015.** Malang (*Conference Attendee, co-author*)
- **National Seminar on Applied Technology 2015,** Universitas Gadjah Mada Vocational School (*Paper Presentation*)
- **DAAD Summer School on Water Resource Management 2012.** Berlin, Germany (*Participant/Presenter*)

## WORK EXPERIENCES

Aug 2020 - Nov 2020 | Jakarta, Indonesia

### 3D Cadaster Pilot Project

Ministry of Agrarian Affairs and Spatial Planning/National Land Agency (ATR/BPN)

- Field Coordinator, supervising field survey for 3D Cadaster data acquisition in Mass Rapid Transit (MRT) Stations Jakarta
- Develop of 3D Cadaster Prototype for ATR/BPN utilizing open source software and open 3D format

Jun 2020 - Sep 2020 | Bogor & Yogyakarta, Indonesia

### National Spatial Data Infrastructure (NSDI) Review

Geospatial Information Agency (BIG)

- Conduct reviews on existing technological implementations of National Spatial Data Infrastructure in Indonesia and esp. BIG
- Propose an Information System architecture of National Spatial Data Infrastructure in Indonesia based on current implementation and desk study

Apr 2020 - Dec 2020 | Yogyakarta, Indonesia

### WebGIS and Eco-tourism Master Plan, Desa Karangtengah, Imogiri, Bantul

Karangtengah Village Officials & UGM

- Develop the Village WebGIS based on UAV orthophoto data for asset management and eco-tourism mapping
- Deliver trainings on participatory mapping to the village's communities

Aug 2019 - Nov 2019 | Bogor & Yogyakarta, Indonesia

### Review of Validation Method and Data Security on PetaKita App

Geospatial Information Agency (BIG)

- Conduct reviews on current implementation (validation method and spatial data security) of PetaKita, a national participatory mapping platform developed by BIG
- Propose system architecture and best-practices for Participatory Mapping in BIG

July 2019 - Oct 2019 | Klaten, Indonesia

### Development of Spatial Planning Information System (SIMTARU) of Klaten Regency

Department of Land and Spatial Planning, Klaten Regency

- Develop Fullstack WebGIS ([geoportal.klatenkab.go.id/sitaru](http://geoportal.klatenkab.go.id/sitaru)) for Spatial Planning Information System in Klaten Regency, Indonesia based on open source libraries

May 2019 - Oct 2019 | Yogyakarta, Indonesia

### Collaborative Mapping and Development of 3D Map of Desa Sinduadi, Mlati, Sleman

Sinduadi Village Officials & UGM

- Build WebGIS based on ArcGIS Online for collaborative mapping based on aerial photogrammetry and interactive 3D map of Sinduadi Village

Mar 2019 - Dec 2019 | Jakarta, Indonesia

### Development of Strategic Plan/Medium-Term Development Plan (Renstra/RPJM) 2020-2024

Ministry of Agrarian Affairs and Spatial Planning/National Land Agency (ATR/BPN)

- Assist in development of Renstra/RPJM and aids administrative affairs of the project

Sep 2019 - Nov 2019 | Yogyakarta, Indonesia

### Building and Environmental Spatial Planning

Yogyakarta City Office and Spatial Planning

- Conduct GIS Analysis on Spatial Planning Data in Yogyakarta City related to Buildings and Environment
- Produce Maps of GIS Analysis for spatial planning (RTBL)

Sep 2018 - Dec 2018 | Tanjung Selor, Indonesia

### Spatial Data Infrastructure Roadmap for North Kalimantan Province

Regional Development Planning Agency, North Kalimantan Province

- Develop Masterplan for Geospatial Data Infrastructure in North Kalimantan Province, Indonesia

Feb 2018 - Aug 2018 | Yogyakarta, Indonesia

### Development of Urban Planning information System (SITARU) Yogyakarta

Land and Urban Planning Agency, City of Yogyakarta

- Develop Fullstack WebGIS (<https://sitaru.jogjakota.go.id>) for land and urban planning in Yogyakarta area using opensource software

May 2018 - Nov 2018 | Rote Ndao, Indonesia

### Joint-Project of Rote Island Lakes Survey and Monitoring

LAPAN, ESDM, KLHK, KKP, LIPI and UGM

- Conduct survey and mapping of Rote Island's salt lakes
- Develop WebGIS and StoryMaps (<https://insinasrote.github.io/>) for visualizing findings of the expedition

Nov 2018 | Yogyakarta, Indonesia

### Development of Groundwater Wells Information System for Drought Monitoring Bengawan Solo River Management Agency

- Develop WebGIS (<http://bbwsbengawansolo.net/sisuat/>) using ArcGIS Online for East Java Province, Indonesia

Sep 2018 - Oct 2018 | Palu & Lombok, Indonesia

### Quick Response Disaster Mapping in Palu and Lombok Post-Earthquake

UGM Rapid Disaster Response Team

- Develop WebGIS for situational awareness post earthquake and tsunami disaster in Palu and Lombok, Indonesia

May 2017 - Nov 2017 | Yogyakarta, Indonesia

### Development of Segoroyoso Village Geospatial Information System, Pleret, Bantul Yogyakarta

Segoroyoso Officials & UGM

- Develop a WebGIS for Village asset management and detailed mapping of Segoroyoso Village, Yogyakarta

Aug 2017 - Nov 2017 | Bogor, Indonesia

### Development of Competency Training Standards in the Geospatial Information Sector, Photogrammetry Sub-sector

Geospatial Information Agency (BIG)

- Conduct reviews on national standards for work competency and develop syllabus for competency training on photogrammetry

Aug 2016 - Jan 2017 | Riau, Indonesia

### Development of Geocrowd dan Geogaming App for Crowdsourcing Peat Fire in Pulau Padang

Six Capital Singapore & UGM

- Field Coordinator for peatland sampling survey
- Design WebGIS Architecture for crowdsourcing platform (<https://geoinsight.ugm.ac.id/>)
- Develop Augmented Reality Game for Peat Fire Education & Gamification

Aug 2016 - Oct 2016 | Banyuwangi, Indonesia

### Boundary Delineation and Delimitation in Ijen Crater between Banyuwangi-Bondowoso Regencies

East Java Province Local Government

- Conduct GIS Analysis on historical boundary claims from Banyuwangi and Bondowoso Regencies
- Conduct field survey on Ijen Crater for overlapping claims verification and boundary delineation

Mar 2016 - Nov 2016 | Jakarta, Indonesia

### Development of Opensource Geoportal for Ministry of Energy and Mineral Resources, Indonesia (ESDM)

Ministry of Energy and Mineral Resources (ESDM)

- Conduct analysis on existing implementation of spatial data infrastructure practices in ESDM
- Develop Geoportals (based on Geonode and Geonetwork) for ESDM Hosting Spatial

Jul 2015 - Dec 2015 | Yogyakarta, Indonesia

### Trainings on Geospatial Infrastructure for Human Resources in Provinces In Indonesia

Geospatial Information Agency (BIG)

- Develop Modules and conduct trainings for staff in different provinces in Indonesia

Oct 2015 - Nov 2015 | Jakarta, Indonesia

### Ina-SmartSea: Android App for Regional Sea Planning Information System for Fishermans

Directorate of Marine, Coastal Region and Small Islands, Ministry of Maritime Affairs and Fisheries

- Develop mobile application based on open source software for Regional Sea Spatial Planning Information System

May 2013 - May 2014 | Yogyakarta, Indonesia

### Adoption of International Standards for Geospatial data into Indonesia National Standard (SNI)

Geospatial Information Agency (BIG)

- Provide translation and adoption of International Standards (ISO/TC-211) into Indonesia National Standards (SNI)

Sep 2012 - Jan 2013 | 6 Provinces in Indonesia

### Trainings of QuantumGIS and InaSAFE for Regional Disaster Management Teams in Padang, Bogor, Surabaya, Makassar, Kupang and Manokwari, Indonesia

Australia-Indonesia Facility for Disaster Response (AIFDR) and Indonesia National Agency for Disaster Management (BNPb)

- Deliver Trainings and Develop Modules of QGIS (then QuantumGIS) and InaSAFE to participants
- Conduct translation of official QGIS Documentations
- Develop use cases for Disaster Management using QGIS

Aug 2012 - Dec 2012 | Magelang, Indonesia

### Community-based Data Compilation for Disaster Prone Areas impacted by Lahar Flood

World Bank & Post-Disaster Community Based Development Program (REKOMPAK)

- Develop use cases for community-based disaster management analysis using OpenStreetMap (OSM) data and QGIS
- Conduct training to BPBD staff on QGIS and InaSAFE

May 2012 - Jun 2012 | Yogyakarta, Indonesia

### Feasibility Study and Masterplan Development of New Airport in Yogyakarta

UGM Center for Transportation Studies (PUSTRAL)

- Data processing & GIS Analysis of New Airport location proposal
- 3D Modeling of field survey data in New Airport proposed location

Nop 2011 - Apr 2012 | Multiple Cities, Indonesia

### OpenStreetMap (OSM) Evaluation in Indonesia

Humanitarian OpenStreetMap Team (HOT)

- Design evaluation method for OSM Spatial and Attribute Evaluation
- Conduct Field Surveys in different cities in Indonesia, (e.g. Padang, Jakarta, Bandung, Yogyakarta, and Dompu)
- Conduct assessment of spatial and attribute accuracy of OSM data

Jul 2011 - Aug 2011 | Bojonegoro, Indonesia

### Management of Flood Hazard Areas in the Bengawan Solo River

Regional Disaster Management Agency of Bojonegoro

- Field Coordinator for surveying team in flood-prone areas in Bojonegoro, East Java, Indonesia
- GIS analysis and reporting of GPS and total station measurement

## CURRENT PROGRAMMING SKILLS

### • Javascript (Good)

I code mostly in Javascript for developing WebGIS. This includes Typescripts for frontend developments (using Angular framework) and NodeJS for backend developments (e.g. using ExpressJS and Loopback), as well as mobile apps developments (e.g. Ionic Framework).

### • Python (Good)

I utilized Python for geospatial data science (ML and DL) projects, as well as teaching the subject for my classes. I used Python libraries (such as OpenCV, Geopandas and Tensorflow) in scientific environment such as Jupyter Labs and also for developing plugins in QGIS. I also used Django for developing backends for WebGIS.

### • C++ (Basic)

I obtain C++ courses during my time as an undergrad student. Basic knowledge of C++ also helps me for developing apps using Unreal Engine

### • C# (Very Basic)

I used C# on some of my projects for developing mobile augmented reality apps using Unity Game Engine.



## LIST OF PUBLICATIONS

- Aditya, Trias, *Laksono, Dany.* Susanta, Febrian F., Istarno, I., Diyono, D., Ariyanto, Didik. 2020. **Visualization of 3D Survey Data for Strata Titles.** ISPRS International Journal of Geo-Information, 9(5), 310.  
DOI: 10.3390/ijgi9050310
- A Julzarika, *Laksono, Dany.*, L Subehi, EK Dewi, HA Sofiyuddin, MFI Nugraha, N Anggraini, A Setianto, D Yudhatama. 2020. **Realizing the Dead Sea Lakes Region in Rote Islands to be a geopark using multidisciplinary spatial information approach.** IOP Conf. Ser.: Earth Environ. Sci. 535 012033  
DOI: 10.1088/1755-1315/535/1/012033
- Kompyang, Ni Luh., Cahyono, Bambang Kun., *Laksono, Dany,* Riyadi, Gondang. 2020. **The Development of WebGIS for the cultural sites in Kotagede Sub-District combined with 360° photosphere visualization.** IOP Conf. Ser.: Earth Environ. Sci. 500 012071.  
DOI: 10.1088/1755-1315/500/1/012071
- *Laksono, Dany.* Aditya, Trias, Riyadi, Gondang. 2019., **Interactive 3D City Visualization from Structure Motion Data Using Game Engine.** ISPRS - International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume XLII-4/W16, 2019, pp.737-740.  
DOI: 10.5194/isprs-archives-XLII-4-W16-737-2019.
- *Laksono, Dany.* Aditya, Trias. 2019., **Utilizing A Game Engine for Interactive 3D Topographic Data Visualization.** ISPRS International Journal of Geo-Information, Multidisciplinary Digital Publishing Institute (MDPI), Gaming and Geospatial Information.  
DOI: <https://doi.org/10.3390/ijgi8080361>.
- Aditya, Trias, *Laksono, Dany.* Izzahuddin, Nur. 2019., **Crowdsourced Hotspot Validation and Data Visualization for Location-Based Haze Mitigation.** Journal of Location Based Services, DOI: 10.1080/17489725.2019.1619851.
- Aditya, Trias. Nugroho Adi, Fajar. *Laksono, Dany.* 2019. **Survey Pemetaan Batas Bidang Tanah Kolaboratif Lintas Ruang dan Lintas Waktu dengan Piranti AR/VR.** FIT ISI 2019 & ASEAN FLAG 72nd Council Meeting
- *Laksono, Dany.* 2019., **Expedition Oe: A Visual-Storytelling Map on Rote Island's Lakes.** Journal of Geospatial Science and Engineering, DOI: 10.22146/jgise.40861.
- Aditya, Trias., Ari Sucaya, I Ketut Gede., Adi Nugroho, Fajar., Lukman Syahid, Han Han., *Laksono, Dany.* 2019. **Developing an LADM-compliant Mobile Data Collector for Accelerating Participatory Cadastral Mapping and Registration Activities.** 8th Land Administration Domain Model Workshop (LADM2019)  
DOI:10.4233/uuid:5dee1fef-1f9d-435d-a6b4-903a0a38d6ed
- *Laksono, Dany.* 2018. **Testing Spatial Data Deliverance in SQL and NoSQL Database Using NodeJS Fullstack Web App,** 2018 4th International Conference on Science and Technology (ICST), pp 1-5, Yogyakarta, Indonesia DOI: 10.1109/ICSTC.2018.8528705.
- Julzarika, Atriyon; *Laksono, Dany;* Subehi, Luki; Dewi, Esthi Kurnia; Kayat; Sofiyuddin, Hanhan A. 2018. **Comprehensive integration system of saltwater environment on Rote Island using a multidisciplinary approach.** Journal of Degraded and Mining Lands Management, Vol VI-1, p. 1553-1567, 2018.  
DOI: 10.15243/jdmlm.2018.061.1553
- Aditya, Trias; *Laksono, Dany.* 2018. **Geogame On The Peat: Designing Effective Gameplay In Geogames App For Haze Mitigation.** Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-4, 5-10, 2018.  
DOI: 10.5194/isprs-archives-XLII-4-5-2018
- Aditya, Trias; *Laksono, Dany.* H. Sutanta, N. Izzahudin, and F. Susanta. 2018. **A Usability Evaluation Of A 3D Map Display For Pedestrian Navigation.** Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-4/W10, 3-10, 2018.  
DOI: 10.5194/isprs-archives-XLII-4-W10-3-2018
- Aditya, Trias; *Laksono, Dany.* 2017. **LOD 1-3D CityModel for Implementing SmartCity Concept.** ICIT 2017, December 27-29, 2017, Singapore, Singapore.  
DOI: <https://doi.org/10.1145/3176653.3176734>
- Mutiarasari, Wahyu Marta; *Laksono, Dany.* 2017. **Analitis Visual Gasetir Geonames Indonesia menggunakan CartoJS.** Seminar Nasional Teknologi Terapan (SNTT). Sekolah Vokasi Universitas Gadjah Mada. Yogyakarta
- Djurdjani, *Laksono, Dany.* 2016. **Open Source Stack for Structure from Motion 3D reconstruction: A Geometric Overview.** IEEE Engineering Seminar (InAES), International Annual. DOI: 10.1109/INAES.2016.7821933
- Muryanto, Rochmad, *Laksono, Dany.* 2015. **Evaluasi Daerah Layanan Rumah Sakit di Yogyakarta dengan Perangkat Lunak Open Source.** Seminar Nasional Teknologi Terapan (SNTT) Sekolah Vokasi UGM. Yogyakarta
- Sutanta, Heri., Aditya, Trias., Santosa, Purnama., Diyono., *Laksono, Dany.* 2014. **I-SRI, an SDI Readiness Index for Local Government in Indonesia.** FIG Congress 2014. Kuala Lumpur, Malaysia
- Aditya, Trias., Widjajanti, Nurrohmat., *Laksono, Dany.* 2012. **Evaluation of OpenStreetMap Data in Indonesia - Final Report.** Humanitarian OpenStreetMap Team (HOT), Jakarta
- Aditya, Trias., Iswanto, Febri., Wirawan, Ade., *Laksono, Dany.* 2011. **3D Cadastre Web Map: Prospects and Development.** 2nd International Workshop on 3D Cadastres, Delft