



# Jason Jon Benedict

Geospatial professional /  
Data Analytics and Visualization Lead



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jasonjb82

*I aspire to be in a role where I can utilize geospatial technologies and data storytelling to provide actionable insights that helps communities, the environment and businesses co-exist and thrive in a more sustainable world.*

[github.com/jasonjb82](https://github.com/jasonjb82)

[linkedin.com/in/ jasonjb82](https://www.linkedin.com/in/jasonjb82)

[jason-doug-climate.blogspot.com](https://jason-doug-climate.blogspot.com)

## EDUCATION

2000-2004  
University Technology Malaysia

### BSc (Hons), Major in Remote Sensing

Dissertation: The application of Remote Sensing and GIS for the development of a Fire Mapping Database

## EXPERIENCE

January 2016 – Present  
The Forest Trust, Malaysia

### Project Lead – Data Analytics & Visualization

Spatial analysis for risk mapping, supply chain mapping, field data collection and mapping support for assessments and smallholder farmers engagement programme, geodatabase management and development. Data processing, analysis and visualization using R and business intelligence tools.

July 2015 – December 2015  
ERE Consulting, Malaysia

### Senior GIS Consultant

Spatial analysis and mapping for environmental assessments.

August 2013 – June 2015  
WorldFish, Malaysia

### Geospatial Data Analyst

Data collation, mapping, spatial analysis, visualization, web mapping using open-source tools (OpenGeo suite, R) with natural resources management, climate change and food security. Produce peer-reviewed papers, blog posts and research publications.

July 2007 – June 2013  
GHD, Malaysia and South Australia

### GIS Analyst

Data collation, geo-database development, mapping, spatial and 3D analysis. Field data collection support, Develop decision support systems using GIS and remote sensing data.

July 2006 – June 2007  
Sapura Kencana Petroleum, Malaysia

### Data Processor

Data processing and mapping of offshore survey data.

May 2005 – June 2006  
MapIT, Malaysia

### Mapping Officer

Business geographics, cartographic solutions for location-based services, geospatial data collation.

May 2004 – April 2005  
Ground Data Solutions, Malaysia

### Geomatic Data Analyst

LiDAR data acquisition, processing and mapping to produce high-resolution Digital Terrain Models and orthoimagery for various sites in Peninsular Malaysia and Central Kalimantan, Indonesia.

VOLUNTEER EXPERIENCE

2014 - Present

Land cover change modeling, deforestation mapping, and various mapping and spatial analysis tasks for Rimba (<https://rimbaresearch.org/>)

COURSES / TRAININGS

- Fundamentals of Data Analytics - by BFM-Edge and Fusionex, Kuala Lumpur (2017)
- Climate Data Analysis and Vegetation Monitoring using R - Joint Graduate School of Energy and Environment, King Mongkut's University of Technology Thonburi, Thailand (2014)
- Remote Sensing for Habitat Conservation - University of Nottingham Malaysia Campus (2014)
- GIS for Species Distribution Modeling - University of Nottingham Malaysia Campus (2014)

LANGUAGES

- English
- Malay
- Bahasa Indonesia

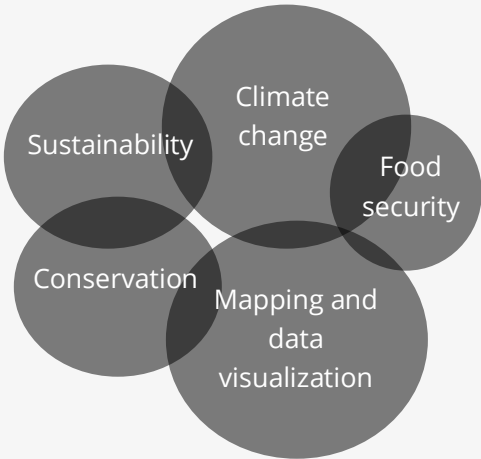
TECHNICAL SKILLS

- ESRI ArcGIS
- QGIS
- R
- Qlik / Power BI
- Idrisi / TerrSet
- Inkscape
- Microsoft Office
- Google Earth Engine

HOBBIES



INTERESTS



SELECTED PUBLICATIONS

Douglas James Beare, Miranda Morgan, Afrina Choudhury, Méloody Braun, Jason Jon Benedict, Paula Kantor: Enhancing the gender-equitable potential of aquaculture technologies. Report number: Program Brief: AAS-2015-07, Affiliation: Penang, Malaysia: CGIAR Research Program on Aquatic Agricultural Systems., DOI:10.13140/RG.2.1.4802.3767

Douglas James Beare, Stanley Tan, Jason Jon Benedict: Lesser Sunda - Banda Seascape Atlas. Report number: 1, Affiliation: Worldfish, DOI:10.13140/RG.2.1.1982.7361

Douglas James Beare, Shwu Jiau Teoh, Stanley Tan, Jason Jon Benedict, Nurulhuda Ahmad Fatan: The MPA (Marine Protected Area) Atlas of the Bay of Bengal Large Marine Ecosystem (BOBLME). Report number: 1, Affiliation: Worldfish, DOI:10.13140/RG.2.1.3555.6003

References available upon request