



- Paleo-topography and land use reconstruction in Gyeongju (Cultural Heritage Administration)
- Paleo-climate reconstruction in East Asia during Quaternary (Korean Meteorological Administration)
- Topography and soil research and classification of topography in long-term monitoring area (National Institute of Ecology)
- Moorland environment in Mt.Jumbong using Diatom analysis (Korea National Arboretum)
- Reconstruction of old paths and topography analysis in Mungyung (Mungyung county)
- Reconstruction of extreme climate events in West and South Sea using microfossils (Ministry of Oceans and Fisheries)
- Natural Resources Survey in Mt.Chiak National Park (Korean National Park Service)

Sep 2012 – Aug 2014

**Research Assistant in Ulleugdo·Dokdo Research Institute**

Daegu, Korea

- Carried out topography monitoring and fieldworks in the Dokdo monitoring project
- Arranged the exhibition about the results of the project
- Provided administrative support

**PUBLICATION**

- J.Shin, J.Park and **M.Jung**. (2016) *Significance and Achievement of Natural Resources Survey of the Institute of Korea National Park Service: focused on the results of geomorphological and geological field of 2015 Mt.Chiak National Park Survey*, The Geographical Journal of Korea, 50(4), pp. 401-409.
- S.Hwang, **M.Jung** and S.Yoon. (2016) *Sea Level changes Around the Bank of Susanje Reservoir in Miryang City During the Late Holocene*, Journal of Korean Geomorphological Association, 23(4), pp. 1-15.
- J.Shin, J.Park and **M.Jung**. (2017) *Distribution and Management Plans of Geomorphological and Geological Landscapes in Gyeongju National Park, Korea*, The Geographical Journal of Korea, 51(4), pp. 421-437.
- J.Shin, J.Park and **M.Jung**. (2017) *Distribution and Management Plans of Geomorphological and Geological Landscapes in Dadohaehaesang National Park, Korea: focused on districts on the South Sea*, Journal of the Association of Korean Photo-Geographers, 27(4), pp. 137-155.

**SKILLS AND QUALIFICATION**

**Skills**

- GIS analysis : ArcGIS and QGIS (*Skilled*)
- R (programming language) (*Skilled*)
- Google Earth Engine (GEE) (*Basic*)
- OxCal (*Basic*)
- Diatom analysis for microfossil and contemporary diatoms using a light microscope
- Collecting soil samples in floodplain using an soil sampler
- Map reading and fit for fieldwork

**Qualification**

- Teacher's Certificate for Secondary School (Grade II) in Geography (Ministry of Education)

**EXPERIENCE**

- Military Service in Korea Army (Mar, 2010 – June, 2012)
  - Commissioned as a Second Lieutenant in Korea Army
  - Served as Captain of Headquarter in the Artillery Battalion
  - Discharged as a First Lieutenant (equivalent of NATO Code OF-1)
- Teaching Assistant in Kyungpook National University (Sep, 2012 – Aug, 2015)
  - Providing administrative support

**ACADEMIC AWARDS**

- Graduate Research Scholarship
  - Granted a year tuition fee (Approximately £3000) from Korean Student Aid Foundation, 2013
  - Scholarship (Approximately £800) from Kyungpook National University for two terms (2<sup>nd</sup> term, 2012 and 1<sup>st</sup> term, 2014)
- Research fund

- Postgraduate Conference Fund (£400) granted on 2<sup>nd</sup> Nov 2017
- Ustinov College Travel Award (£100) granted on 23<sup>rd</sup> Nov 2017
- Norman Richardson Postgraduate Research Fund (£500) granted on 6<sup>th</sup> June 2018
- Durham Research Trust Fund (£500) granted on 9<sup>th</sup> July 2018
- Ustinov College Travel Award (£100) granted on 15<sup>th</sup> Mar 2022