

Adam Johnston

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KEY SKILLS

Data management
GIS
Project management
Remote sensing
Spatial analysis

SOFTWARE

ArcMap 10.4
Envi 5.3 (inc. SARscape 5.2)
ERDAS APOLLO & IMAGINE
LAMP web stack
Microsoft Office
QGIS 2.18
SNAP 6.0

LANGUAGES

| | |
|------------|------------|
| CSS 3 | PHP |
| HTML 5 | Python 3.6 |
| JavaScript | SQL |

REFERENCE

Dr Gail Millin-Chalabi

Director at EnviroSAR and
GIS officer at University of Manchester

gail.millin-chalabi@envirosar.com

Dr Emma Shuttleworth

Research associate at University of
Manchester

emma.shuttleworth@manchester.ac.uk

EXPERIENCE

RESEARCH AND DEVELOPMENT LEAD

EnviroSAR Ltd ▪ August 2017 – Present

- + Automating optical and radar pre-processing workflows
- + InSAR analysis for UK upland burned-area detection
- + Research new radar datasets and analysis methods to improve/innovate our products
- + Consult with potential customers to develop tailored satellite based solutions

GIS AND REMOTE SENSING ASSISTANT

University of Manchester ▪ June to August 2017 (Internship)

- + Developed a spatial data infrastructure for the school
- + Spatial data and metadata management
- + Supported research/teaching staff and students
- + Liaised with internal staff and external organisations

I regularly attend conferences and networking events, including Google Earth Engine workshops. I presented my undergraduate dissertation as a research poster at the BSG Hull 2017 and RSPsoc London 2017 conferences.

I have assisted several students at university with GIS related work. This includes map creation in ArcMap, teaching Python and advising on spatial analysis methods in research projects.

EDUCATION

MSC GIS

University of Leeds ▪ 2017 – Present (Graduating September 2018)

- + Predicted Distinction
- + Courses include Advanced programming, Remote sensing and Web development

BSC GEOGRAPHY

University of Manchester ▪ 2014 – 2017

- + First Class Honours
- + Dissertation 83% (Upper First)

A LEVELS

Cardinal Newman College ▪ 2012 – 2014

- + Biology (A), Geography (B) and Psychology (B)
- + AS Mathematics (A)

GCSES

Tarleton High School ▪ 2007 – 2012

- + 11 GCSEs, graded A* to C
- + Including English, Mathematics, Science and IT

ABOUT ME

I play badminton competitively in the Bradford district league and distance run in 10k and half marathons races, with PBs at 44 and 125 minutes respectively. I like to travel, but I'm most happy when that involves scrambling up the highest peak nearby.

Full clean UK driving license