



The
Geological
Society

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West Midlands Regional Group

Evening Talk

May 2014

Monitoring Active Volcanoes

With

Professor Hazel Rymer

Lecturer, Open University

Volcano monitoring used to be the preserve of technicians in volcano observatories, or of academic researchers. Thanks to new technologies, Citizen Scientists are becoming increasingly involved in not only the acquisition of scientific data, but in the analysis and interpretation too.

Spotting galaxies and identifying DNA sequences are well known targets for Citizen Science projects, but the environmental sciences and volcanology also benefit.

Geophysical measurements need to be made over long periods of time in order to identify patterns related to sub-surface processes which may be relevant to eruptive activity. This is the type of study well suited to Citizen Scientists.

This talk will illustrate the long term changes that have been seen at active volcanoes and what this tells us about the processes driving volcanic activity.

Tuesday 13th May at 18:30

(Tea and Coffee Available from 18:00)

**Building MA, Wulfruna Street, The University of Wolverhampton
Room MA 202**

Hazel Rymer is Professor of Environmental Geophysics at the Open University. She has worked in Central America, Iceland and Italy on active volcanoes and specialises in the micro-gravity and ground deformation measurements.



The Geological Society of London is a registered charity (No. 210161).

Website: www.geolsoc.org.uk/wmrg

Email: geolsoc_wmrg@live.co.uk

You can also join our groups on LinkedIn and Facebook where details of all events will be posted.



Directions to the University of Wolverhampton

Rooms MA2020 and MA030 are located within building **MA** (Wulfruna Street) on the South Campus.

By Public Transport

The City Campus is right in the centre of Wolverhampton. It is a seven-minute walk from both the train station and St Georges Metro terminus, and a five-minute walk from the main bus station.

By bus

Buses come into the City Centre from all over Wolverhampton and the West Midlands.

By train

The train station is on the main London, Birmingham, Manchester, Liverpool and Edinburgh lines. The station is on Railway Drive, just outside the Ring Road.

By Metro

The Midland Metro offers a service every 10 minutes throughout the day from Birmingham Snow Hill to Wolverhampton St Georges terminus via West Bromwich.

By Car

All Directions

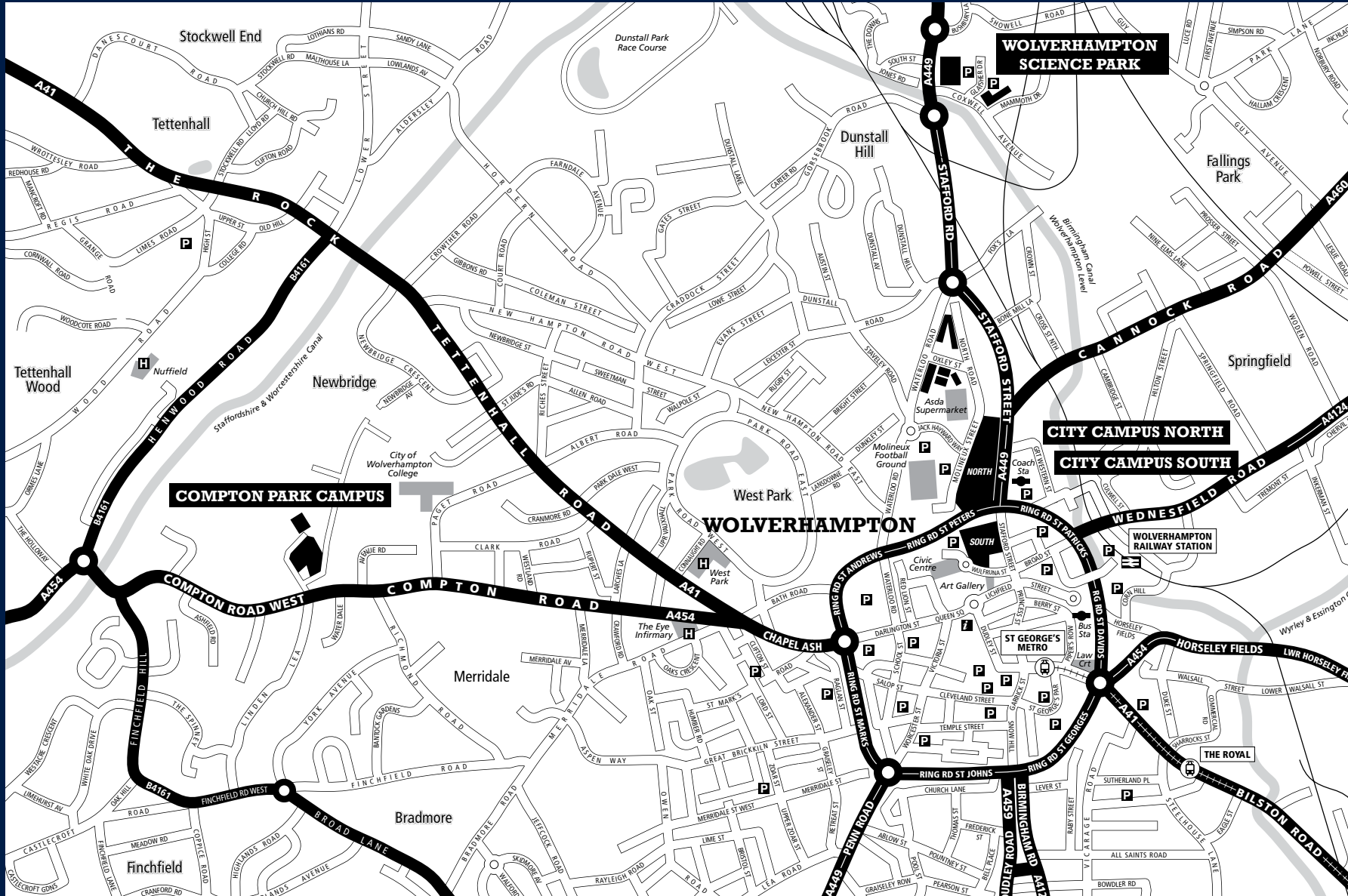
- Leave at Junction 10 of the M6
- Follow the signs for A449/ City Campus SOUTH
- Building MA 'Applied Sciences' is located off Wulfruna Street.

Visitor Car Parking

There is very limited metered parking along Wulfruna Street.

Alternate parking is available within a number of public pay and display car parks within walking distance. Of these, the Civic Centre car park, at the end of Wulfruna Street, or the long-term car park off Whitmore/Broad Street are the closest.

Wolverhampton



Getting to City Campus

By car: Junction 10 of the M6 is the nearest motorway junction. The University is split into two sites – City Campus North and South – both of which are sign-posted from the Ring Road and the A449. Although there is only very limited metered parking by the main reception on Wulfruna Street, there are a number of public pay car parks within walking distance. Of these, the Civic Centre car park, at the end of Wulfruna Street, or the long-stay car park off Whitmore/Broad Street are the closest. Satnav location for main reception is WV1 1LY. Satnav location for City Campus North Teaching and Administration Building is WV1 1AD.

By bus: buses come into the main bus station in Pipers Row from all over Wolverhampton and the West Midlands.

By train: the train station is on the main London, Birmingham and Edinburgh lines. The station is on Railway Drive, just outside the Ring Road.

By metro: the Midland Metro offers a service every 10 minutes throughout the day from Birmingham Snow Hill to Wolverhampton St George's via West Bromwich.

On foot: the City Campus is right in the centre of Wolverhampton. It is a sevenminute walk from both the train station and St George's metro terminus, and a five-minute walk from the main bus station.

Getting to Compton Park Campus

By car: Compton Park Campus is based just off the A454 Compton Road West – one of the major routes from the city centre. The journey takes about ten minutes depending on the traffic. Parking is available on Campus. Satnav location is WV3 9DX.

By bus: the number 510 bus service runs approximately every 10 minutes from the city centre.

By train: the nearest station is Wolverhampton. Then you have a short taxi or bus ride to the Campus as above.

Getting to Wolverhampton Science Park

By car: situated on Glaisher Drive, just off the Stafford Road (A449), the Science Park is five minutes from Wolverhampton city centre, the bus and railway stations. It is accessible from the M6 motorway, northbound and southbound. Parking is available on site. Satnav location is WV10 9RU.

By bus: the 503, 504 and 506 bus services run frequently from the city centre along the Stafford Road, with a stop just outside the entrance.

By train: the Science Park is a 15-minute walk from the centre of Wolverhampton.

City Campus

SOUTH

