



PhD Confirmation Panel Form

To be completed within 9 months (Full-time students) or 18 months (Part-time students) of start of study and attached by the Advisor as a Document during the Online PhD Annual Review

Name of Student	Mylène Receveur
Names of Supervisors	Chris McDermott Stuart Gilfillan Ian Watson Andrew Harris
Name of Advisor	Wyn Williams
Members of Confirmation Panel	Chris McDermott Stuart Gilfillan Ian Watson Wyn Williams Mark Naylor
Title of Confirmation Report	Investigating geothermal heat resources of legacy mine workings, why are some mine waters hotter than others?
Panel comments on Confirmation Report The report was very thorough, and clearly identified the projects objectives and how these objectives would be met. There were some minor formatting issues, and some figure captions could be more detailed.	
Date of Confirmation Panel meeting	11 June, 2020
Is the student capable of successfully completing this project with normal supervision?	YES
Is the project appropriate for PhD study and able to be completed within the available time-frame?	YES
Are the arrangements for supervision satisfactory? Are any changes to the supervisory team	YES

recommended?	
Are the necessary resources available?	YES
Is the Ethics Determination Form attached to the Confirmation Report?	This was not attached to the report, but a summary provided and the form sent directly to the PGR office.

Feedback following Confirmation Panel meeting

Mylène started the meeting by presenting a summary of her project aims and the work that she has done so far. The presentation was confident and well structured, and mirrors the excellent report that was submitted.

Mylène has clearly has a good grasp of the various processes that might affect the geothermal energy efficiency in legacy mine workings. Three major objectives were detailed (a) the heat recharge mechanism (b) impact of past mining activity and (c) identification of main mine features that impact on heat exchange. Each of these investigations will be evaluated with respect to the Midlothian coalfield and the Horden-Dawdon coalfield in NE England.

The approach for investigating each of these three areas is detailed in Mylène's report and whilst feasible within three years, it is possible that some parts of the project may take more time than anticipated. It would be useful to examine the time-line in the project schedule to identify the critical parts of the workflow, and the consequences for the rest of the work should there critical parts require more time than anticipated.

In such complex non-linear interacting and often transient systems it would also be useful to bear in mind the expected system responses so that model validation can be more clearly related to the principle physical processes.


Mylène was happy with the supervisor team and good communication with both internal and external supervisors. Mylène also reports that she has sufficient resources to carry out her planned research, and has been attending training courses to help her with skills she might need for her research. We also encourage her to take advantage of the wide range of training available in the university which might be beneficial for future employment opportunities or for future research projects.

The panel was impressed both with the presentation and the report, and recommend that Mylène progress immediately to the 2nd year of her PhD studies.

Please indicate the Panel's recommendation following the meeting with an "X" in one of the boxes below.

Recommendations 5 and 6 are normally made only if the outcome of Recommendation 4 is unsatisfactory, i.e. after consideration of a substantially revised Report and Panel meeting.

Recommendations		Student Action	Action by Advisor/Panel/ RTD	"X"
1	Student progression to Year 2 of the PhD immediately	Take onboard the feedback from the Panel	Nil	X
2	Student progression to Year 2 of the PhD after submission of Ethics Determination Form	Email Ethics Determination Form to pgrsupport.geos@ed.ac.uk	Nil	
3	Student progression to Year 2 of the PhD after satisfactory revision of the Report <u>within 3 months</u>	Send a revised Report to the Panel by.....(Date) in which the feedback from the Panel is addressed.	Panel reviews the revised Report to assess if satisfactory. Advisor emails pgrsupport.geos@ed.ac.uk to confirm when this has happened.	
4	Student progression to Year 2 of the PhD after satisfactory resubmission of the Report and a reconvened Panel meeting <u>within 3 months</u>	Submit a substantially revised Report to the Panel by.....(Date) in which the feedback from the Panel is addressed. Attend reconvened Panel meeting.	Panel reviews the revised Report to assess if satisfactory. Advisor convenes another Panel meeting and submits a further Confirmation Panel report to pgrsupport.geos@ed.ac.uk	

5	Student transfers registration to MPhil or MScR	Nil	Supervisor submits Change in Degree Programme form to pgrsupport.geos@ed.ac.uk	
6	Student excluded from studies for unsatisfactory academic progress	Nil	Director of PGR interviews student	
Date		15 June 2020		
Advisor signature		Via e-mail		
PGR Director approves recommendation				
Date		15 June 2020		