

SUMMATIVE IN-COURSE ASSESSMENT COVER SHEET

UNIT CODE: 69EG5503	UNIT TITLE: GIS and Earth Observation
TITLE AND NUMBER OF ASSIGNMENT: Assignment 2 – A group-based research project	WEIGHTING (%) 50%
<p>Working in a group (MAXIMUM OF 4 PEOPLE) you are to undertake a small research project using GIS and/or remote sensing on the topic of your choice (through consultation with the unit tutors to help prevent duplication and any potential data collection problems). The project should involve some rudimentary data collection as well as evidence of data processing and analysis. The group should focus on using a technique(s) introduced in one of the earlier practical class exercises and implement this as part of the research project. The project will NOT involve any field data collection for health and safety reasons and instead should be based around freely available secondary data which can be accessed online (please note that use of some of these services require registration).</p> <p>The outcome of the assessment will be a 10 minute group presentation outlining the research project aims and objectives, methods and results. Another 5 minutes will be made available for questions from the tutors and audience.</p> <p>Marks will be awarded on the following basis:</p> <ul style="list-style-type: none"> <li>• Quality of presentation – 20%</li> <li>• Data and methods – 25%</li> <li>• Academic argument and engagement with the literature – 30%</li> <li>• Responses to questions – 25%</li> </ul> <p>In addition to the presentation each group should present (i) a paper copy of the presentation notes, (ii) a single A4 supplementary handout (identifying the key concepts and results as well as further reading) which can be photocopied and distributed to the class at a later date, and (iii) a copy of the minutes from earlier group meetings. All groups should divide the project labour equally and take part in the presentation and must (iv) attach a signed form acknowledging their level of contribution to the project in the group minutes.</p> <p><i>A digital copy of the assignment can be found on WebCT.</i></p> <p><b>Submission method:</b> The group presentations are to be made in the E409 GIS laboratory in one of the timetabled slots.</p> <p>Resources and Starter References: Refer to reading list and supporting on WebCT.</p>	

**Time limit:** Presentations that exceed the stated time limit will be penalised according to the following scheme:

- If your presentation exceeds the time limit by more than 10% your mark will be reduced by 10% (ie one degree class).
- If your work exceeds the time limit by more than 30% your mark will be capped at 40%.

**TIME LIMIT: 10 minutes + 5 minutes for questions**

**WORD PROCESSED: YES**

**DATE SET: Thursday 4<sup>th</sup> March 2010**

**SUBMISSION DEADLINE:** Presentations to be given in one of the timetabled slots in the week beginning **Monday 3<sup>rd</sup> May 2010**

Work submitted later than this will be awarded 0%

**ABSOLUTE DEADLINE:**

Work submitted later than the submission deadline noted above will be awarded 0%

**NAME OF STAFF SETTING ASSIGNMENT: G R Smith**

**This assignment was moderated on (date):**

**Moderated by (signature):**

**Unit Coordinator (signature):**

**Name of moderator:**

Dr I B Drew

**Name of Unit Coordinator:**

Dr M P Cresswell

	<b>Quality of presentation – delivery, structure, use of visual aids and group meeting minutes</b>	<b>Methods</b>	<b>Academic argument and engagement with literature</b>	<b>Response to questions</b>
	20% of marks	25% of marks	30% of marks	25% of marks
<b>FIRST CLASS (70% and above)</b>	Excellent presentation – clear, well structured talk with a good set of slides and complete set of minutes from group meetings	Excellent use of GIS and/or remote sensing , with appropriate set of methods employed	Evidence of extensive research and excellent interpretation of results with use of supporting literature	Dealt with questions from the audience very well demonstrating a sound understanding of the project
<b>UPPER SECOND CLASS (60-69%)</b>	Very good presentation – well structured and evidence of some good use of visual aids, with clear set of group minutes	Good choice of methods, but some aspects of the analysis could be improved upon	Good discussion of results in light of the published literature	Dealt well with questions from the audience
<b>LOWER SECOND CLASS (50-59%)</b>	Satisfactory presentation, but either (a) did not make good use of available time or (b) quality of visual display could be improved. Group minutes could be more effective	Satisfactory selection of methods, but by no means exhaustive – room for further analysis	Patchy use of supporting literature with satisfactory interpretation of results	Clearly answered some, but not all of the questions from the audience
<b>THIRD CLASS (40-49%)</b>	Patchy presentation – talk could be better focussed and make better use of visual display. Group minutes are not complete	Some evidence for correct use of methods but poorly described within presentation	Little engagement with the academic literature, poor interpretation of results	Some attempt to address questions from the audience
<b>FAIL (&lt; 40%)</b>	Poorly structured and delivered presentation with unsatisfactory set of slides. Did not make effective use of available time, and no group minutes provided	Inappropriate selection of research methods or methods not even discussed in the presentation	Poor interpretation and little or no engagement with the academic literature	Not able to address questions from the audience