

SUMMATIVE IN-COURSE ASSESSMENT COVER SHEET

<b>UNIT CODE: 69EG5503</b>	<b>UNIT TITLE: GIS and Earth Observation</b>
<b>TITLE AND NUMBER OF ASSIGNMENT:</b> Assignment 1 (parts A and B) – Portfolio of GIS and remote sensing exercises	<b>WEIGHTING (%)</b> 50%
<p>This assignment comprises two parts (1a and 1b), both of which involve the write up of practical class exercises from the unit.</p> <p>Assignment 1a, worth 50% of the assignment marks, involves the write up of two remote sensing (earth observation) practicals:</p> <ul style="list-style-type: none"> <li>• <b>Modelling vegetation dynamics</b></li> <li>• <b>Image analysis II</b></li> </ul> <p>Assignment 1b, worth 50% of the assignment marks, involves the write up of two GIS practicals:</p> <ul style="list-style-type: none"> <li>• <b>Spatial operations in GIS</b></li> <li>• <b>Network analysis</b></li> </ul> <p>The breakdown of marks for the practical exercises is given below in the grade descriptor sheet.</p> <p>Detailed briefing notes will be provided for each practical class. Practical time has been set aside for you in the E409 GIS laboratory where GIS and image processing software are available. The write up of the practicals should observe the following format: (1) Background (including aims and objectives where necessary), (2) Data and Methods, (3) Maps/Results. (4) Discussion/Answers to reflective questions, and (5) References.</p> <p><i>A digital copy of the assignment can be found on WebCT.</i></p> <p><b>Submission method:</b> Submit via the Faculty Assessment Posting Boxes near the JD SIP.</p> <p>Resources and Starter References: Refer to reading list and supporting materials on WebCT.</p>	

**Word limit:** Coursework that exceeds stated page limit will be penalised according to the following scheme:

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

**WORD LIMIT: 2000 words – nominally 500 words for each individual exercise**

**WORD PROCESSED: Yes**

**DATE SET: Thursday 8<sup>th</sup> October 2009**

**SUBMISSION DEADLINE:**

Assignment1a MUST be submitted before 12 NOON on **Friday 18<sup>th</sup> December 2009.**

Assignment1b MUST be submitted before 12 NOON on **Friday 5<sup>th</sup> March 2010.**

Work submitted later than this will be capped at 40%

**ABSOLUTE DEADLINE:**

Assignment1a - **Friday 29<sup>th</sup> January 2010.**

Assignment1b - **Friday 26<sup>th</sup> March 2010.**

Work submitted later than this will be awarded 0%

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

**This assignment was moderated on (date): 25/09/2009**

**Moderated by (signature):**

**Unit Coordinator (signature):**

**Name of moderator:** Dr I B Drew

**Name of Unit Coordinator:** Dr M P Cresswell

	<b>Background</b> 20% of marks	<b>Methods</b> 20% of marks	<b>Maps/Results</b> 25% of marks	<b>Discussion/Answers to Reflective Questions</b> 25% of marks	<b>References</b> 10% of marks
<b>FIRST CLASS (70% and above)</b>	Excellent background/introduction section with effective use of supporting references	A concise and thorough description of the methods employed showing good understanding	Excellent presentation of maps/results following cartographic convention and all figures properly numbered and captioned	Excellent discussion/evaluation of the results and excellent use of references where appropriate	Effectively referenced throughout using quality reference works, with reference list correctly provided
<b>UPPER SECOND CLASS (60-69%)</b>	Very good background/introduction section with clear identification of aims and objectives	Appropriate description of the methods employed but either incomplete or not in proper sequence	Very good presentation of maps and results following cartographic convention	Very good synthesis and evidence of a good level of understanding	Use of relevant and up-to-date reference sources and citation list clearly presented
<b>LOWER SECOND CLASS (50-59%)</b>	Satisfactory background/introduction section but the aims and objectives could be clearer	Limited description and evidence of understanding of the methods employed	Maps and results are satisfactorily presented but not all cartographic elements are included	Satisfactory discussion but level of understanding could be higher	Limited use of academic and/or incomplete citation list
<b>THIRD CLASS (40-49%)</b>	Little in the way of background/introduction information and poor identification of aims and objectives	Poor or incomplete description of the methods and limited evidence of understanding	Maps and results are poorly presented and show evidence of poor cartographic design	Limited evidence of understanding and discussion	Few, if any, references employed. Reference list missing or incomplete
<b>FAIL ( &lt; 40%)</b>	Missing or inappropriate background/introduction section	Methods section is missing or inappropriate	Maps/results are missing or incomplete and contain no cartographic elements	Discussion is missing and no real evidence of understanding of the practical class activities	No supporting references or citation list provided