# IGCSE Environmental Management (0680) Paper 3

### How to structure coursework

Coursework is an accurate account of how we record, assess and evaluate the way something changes.

There should be five clear sections in every Coursework. These are:

* Introduction
* Methods
* Results and Analysis
* Conclusion
* Evaluation

**Introduction**

* State the aim of the experiment/investigation topic. This should be in your own words as far as possible.
* Write the hypothesis and prediction prior to undertaking the investigation.
* General background. (This could include your manipulation of maps and pictures. Therefore make sure you change the original maps, to make them your own and specific to your work. This could mean adding specific labels)
* Brief description of each site visited to give a general overview.
* Here you should present the different variables.

**Methods**

* Describe the method.
* Explain the different variables.
* Write how the independent variable was varied.
* Write how changes of the dependent variable were monitored. You should write how you got your results.
* Write how the controlled variables were controlled.
* Write how you made sure that the sufficient relevant data was recorded. Describe the method for data collection, i.e. if you had several trials, if you used controls, methods of measurements, if your calculations are correct.

**Results and Analysis**

Data collection

Record all your raw data in tables. The tables should be included in an appendix.

Data Processing and presentation

The data should be processed (calculated) correctly and presented in tables (as above) and graphs. These can be electronically produced.  If you use graphs, they must have a caption in which you describe the contents of the graph. The axis of the graphs have to be labelled with units and the points have to be plotted correctly. Make sure that you use the correct type of graphs.

Underneath the tables and graphs you can briefly describe the results. You can describe the main trends and account for any anomalous result. You don’t have to discuss the significance of the results to the aim of the investigation.

Analysis

You can use one of the specific factors looked at one site and compare them. However, you must be able to explain the differences in the sites making reference to your background information, hypothesis and also the results. Every anomaly needs to be explained and justified. Perhaps use secondary sources (keep a record of the websites used).

Consider the impact that it may have an impact on different groups of people.

**Conclusion**

In the conclusion you should discuss the results you obtained in relation with your hypothesis. Write a conclusion based on an interpretation of the gathered results. Use general trends to from your data processing and analysis in your conclusion.

Compare your results with literature values if possible.

**Evaluation**

In the evaluation you should evaluate the method used. Write about the main weakness of the method used and the weakness in the method of manipulation of data.

Write about the source of error, but do not include personal mistakes.

**Suggest real improvements (that can be carried out) to the investigation.**