

Best Practice Erosion and Sediment Control

– for building and construction sites

Book 1: Chapters (hardcopy, 260 pages)

1. Introduction, 2. Principles of erosion and sediment control, 3. Site planning, 4. Design standards and technique selection, 5. Preparation of plans, 6. Site management, 7. Site inspection, 8. Bibliography

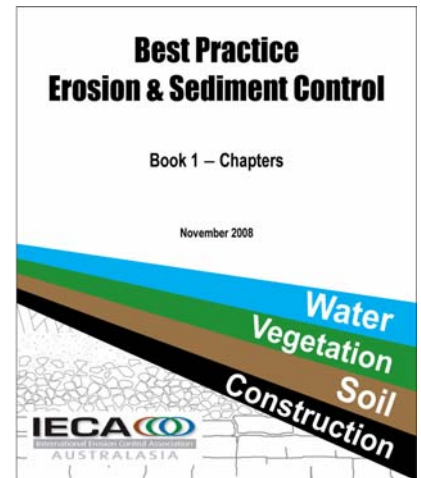
Book 2: Appendices A–G (hardcopy, 250 pages)

A. Construction site hydrology and hydraulics, B. Sediment basin design and operation, C. Soils and revegetation, D. Example plans, E. Soil loss estimation, F. Erosion hazard assessment, G. Model code of practice

Book 3: Appendices H–N (hardcopy, 200 pages)

H. Building sites, I. Instream works, J. Road and rail construction, K. Access tracks and trails, L. Installation of services, M. Erosion processes, N. Glossary of terms

(Prepared by Grant Witheridge of Catchments & Creeks Pty Ltd)



Features of Books 1, 2 & 3 include:

- ❖ Clearly defined principles of erosion and sediment control.
- ❖ Guidelines on soil sampling, sample density, and testing requirements.
- ❖ Site planning checklist.
- ❖ Recommended drainage control standard, erosion control standard, and sediment control standard.
- ❖ Rainfall and monthly erosivity values for prominent towns and cities across Australia.
- ❖ Guidelines on the selection of temporary drainage, erosion and sediment control measures.
- ❖ 24-step procedure for the development of Erosion and Sediment Control Plans.
- ❖ 108 example technical notes for use within Erosion and Sediment Control Plans.
- ❖ Detailed checklist for assessing Erosion and Sediment Control Plans.
- ❖ Example “weekly” and “detailed” site inspection checklists.
- ❖ Two methods for assessing the potential erosion hazard of a work site.
- ❖ Four model codes of practice: general construction, building sites, instream works, and installation of services.
- ❖ 250 example *Development Approval Conditions*, for use in the management of land-disturbing activities.
- ❖ Best practice procedures for the performance of instream construction and maintenance activities.

Benefits of preparing ESC Plans using this document

- ❖ Clear 24-step procedure for the development of Erosion and Sediment Control Plans.
- ❖ Guidelines on soil sampling, sample density, and testing requirements.
- ❖ Clearly defined drainage, erosion, and sediment control design standards.
- ❖ 108 example technical notes are provided to assist in the implementation of ESC Plans.
- ❖ Detailed checklist provided to review ESC Plans prior to submission to Council.
- ❖ Standard symbols are provided for a wide variety of ESC techniques.

Benefits of using this document while managing a construction site

- ❖ Full chapter dedicated to the management of construction sites.
- ❖ Guidelines on soil sampling, sample density, and testing requirements.
- ❖ Site planning checklist.
- ❖ Checklists provided for weekly and detailed site inspections.
- ❖ The first document to provide comprehensive guidelines on the management of instream works.