

Encyclopaedia of Fluvial Systems

I am preparing an outline for an Encyclopaedia that is cutting-edge with the above title. I wish to solicit (i) suggestions as to topics that should be included; (ii) offers to contribute articles; (iii) offers to assist on an editorial board. The gestation period is up to 3 years and so the workload need not be onerous. As the series is within the Springer Earth Science series the focus will be primarily geomorphological, sedimentological, hydraulic and hydrological with a consideration of vegetative influences as appropriate. The impact of humankind might also be a focus.

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Further particulars are given below:

An example of an encyclopaedia in the series can be viewed at the Springer website:

<http://www.springer.com/earth+sciences+and+geography/meteorology+%26+climatology/book/978-1-4020-4411-3?changeHeader>

Encyclopedia volume structure:

The original concept of the Earth Science volumes was that each should synthesize one particular sub-discipline. It should NOT be a textbook, but alphabetic: designed for quick access, the articles should contain digested modern knowledge in an easy accessible format. They contain neither research literature (primary literature) nor review articles summarizing original papers (secondary literature). Contents therefore should consist of established information in the particular field. I aim to have a similar structure and size for the proposed volume as with existing volumes in the series. Each volume is intended as an authoritative volume that can stand on its own. The volumes are used by university students, post-graduate researchers and by scientists from bordering disciplines familiarizing themselves with the key terms in a particular field.

The volume will contain 3 types of articles

Category A: major discipline subjects, about 5000-9000 words

Category B: intermediate summaries of important topics, about 500-3000 words

Category C: definitions, 50-500 words

The structure for the contributions (category A and B only) is as follows:

- * Title (to be as short as possible, preferably 1-2-3 words)
- * Synonyms (if applicable)
- * Definition
- * Summary or conclusions
- * Bibliography

* Cross-references

On average the volume will be a mix of mostly B (building block articles) and a few A type articles. There can also be quite a few C type articles. In total there are in general around 250 entries.

Editorial board:

An editorial board of 5-6 members will be established, whose task it is to help the editor in making the table of contents complete and help to suggest names of authors for the entries and in securing authors. Later in the process editorial board members could be asked to assist in reviewing some scripts or help to find suitable reviewers. The board members could also serve as section editors and assist in the review process (this is one of the options).