

# The LBA-DMIP Special Issue in Agricultural and Forest Meteorology

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Guest associate editor, Agr. For. Met.

# Preparing the manuscript

## Instructions to save everyone's time

- Please read [http://www.elsevier.com/wps/find/journaldescription.cws\\_home/503295/authorinstructions](http://www.elsevier.com/wps/find/journaldescription.cws_home/503295/authorinstructions) for instructions on how to format the manuscript
- Symbols must follow the Reifsnyder et al. 1991 standard
- The journal is trying to ensure only single letter variables are used in equations, although other letters can be used as subscripts. This is to avoid ambiguity, for example whereby RH can be a single variable "RH" or alternatively "R" multiplied by "H".
- Some variables like NDVI have a life of their own and must be accepted.
- Others such as PAR can easily be expressed as  $Q_{\text{PAR}}$ .

## Technical Note

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# Symbols, units, notation. A statement of journal policy\*

William E. Reifsnyder<sup>a,1</sup>, Keith G. McNaughton<sup>b</sup>, and James R. Milford<sup>c</sup>

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### ABSTRACT

Reifsnyder, W.E., McNaughton, K.G. and Milford, J.R., 1991. Symbols, units, notation. A statement of journal policy. *Agric. For. Meteorol.*, 54: 389–397.

Journal policy on the use of units and notation is presented. A list of preferred symbols is included.

### INTRODUCTION

Scientific communication requires a language that is understood by the two persons involved. In physical science especially, this communication is facilitated through the use of equations and mathematical notation. We have all had the experience of perusing an article written in a language that was completely foreign to us, yet understanding much of it because we could understand the equations and perhaps the illustrations. To the extent that symbols and notations are universal, an equation reads the same to all of us.

### SYSTEME INTERNATIONAL

It was in recognition of this that the 'Système International d'Unités' (SI) was adopted by signatories to the Metre Convention in 1960 and by essentially all countries by 1972. SI units have thus become the standard for scientific symbology and notation (see 'References' for representative docu-

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\*This statement was prepared to guide the preparation of manuscripts from the Workshop on Stomatal Conductance which are published in this issue. It should be used as a general guide for the symbols, units and notation for articles submitted to this journal.

<sup>1</sup>Address for correspondence: P.O. Box 739, Questa, NM 87556, USA.

# Preparing the manuscript

## Instructions to save everyone's time

- Citations in Agr. For. Met. format
- Variables names lifted from computer code often look silly in a manuscript - although the modellers who use them every day no longer notice
- Please do not use '\*' as a multiplication operator
- It is a good idea to submit duplicate but coloured versions of the figures. Although the print version requires black and white, the on-line version can now be published in color at no extra cost.

# Preparing the manuscript

## Instructions to save everyone's time

- Research highlight bullet points are now mandatory. They need to be short (15 words max) and snappy
- Use US English throughout
- Use format: Eq. (1), Fig. 1, Table 1
- Date format: 11 April 2011
- Number sections 1, 2, 3; number sub-sections 2.1, 2.2, 2.3
- Write  $u^*$  as  $u$  subscript  $*$ , ie  $u_*$  with a low asterisk (Unicode 204E)
- Cite the editorial as much as possible

# Preparing the manuscript

## Instructions to save everyone's time

- Careful with figures:
  - figures should be submitted in a size that is as close as possible to publication size (1-column or page-wide) – text must be readable at this size
  - Use professional figure formats; usually .eps for illustrations and 600 dpi TIFF for images

# Preparing the manuscript

## Important!!!

- Since these will be mostly model intercomparison papers, please make a special effort to show more concrete outcomes of your analysis, in particular how your study contributes:
  - To improvements in models
  - To improvements in observational network design
  - To the understanding of the biogeophysical processes involved.

# Editorial / overview paper

- This special issue will be preceded by an editorial, which will contain:
  - Short description of LBA
  - Short description of LBA-DMIP
  - Description of sites
  - Description of models
  - Standardization of model and site names
  - I will try to distribute the editorial to you and the reviewers as soon as possible



# How to submit to the special issue

- go to <http://ees.elsevier.com/agrformet/default.asp>
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- Login as an author
- Click on “Select article type” and then choose 'LBA Data-Model Project'



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# Review process

- Manuscripts will be reviewed by 2-3 reviewers
- Most reviewers will be modelers with previous experience in Amazonia
- In special cases, we may invite reviewers who are expert in specific methods or sites.

# Other issues

- Papers will be published in order of acceptance
- Editorial / overview papers must be accepted first
- Elsevier charges no page charges, except for color figures

# Decisions we have to make

- Author policy
  - Editors hate long authors list
  - Main authors + 1 authors per site + 1 author per model in every manuscript or
  - Main authors only in every manuscript and site authors and model authors included in editorial only
- Submission deadline

# What I need from you

(Preferably by the end of the meeting)

- From each modeller:
  - Model code (1 word)
  - 1-paragraph model description
  - Name and affiliation
- From each site
  - 1-paragraph site description
  - Name and affiliation
- E-mail this to [mhcosta@ufv.br](mailto:mhcosta@ufv.br)