The SVJour document class users guide supplement for *Annales Geophysicae*

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1 Introduction

This document describes the *agp* option for the SVJour LaTeX 2_ε document class. For details on manuscript handling and the review process we refer to the *Instructions for authors* in the printed journal. For style matters please consult previous issues of the journal.

2 Initializing the class

As explained in the main *Users guide* you can begin a document for *Annales Geophysicae* by including

```
\documentclass[agp]{svjour}
```

as the first line in your text. All other options are also described in the main *User guide.*

3 Changes to the SVJour class standard

As the abstract of your article is to appear in the header section, it must be coded before the `\maketitle` command. Do not use the `\begin{abstract}` ... `\end{abstract}` environment of standard LaTeX. Instead proceed as you do for the other front matter declarations:

`\abstract {⟨`*Text of your abstract*`⟩}`

The standard key words are also part of the frontmatter please code them at the end but still inside the `\abstract{...}` area.

4 Changed bibliographic environment for `natbib` usage

Overview

The `natbib`[1] package is a reimplementation of the LaTeX `\cite` command, to work with author-year citations. It is compatible with the standard bibliographic style files, such as `plain.bst`, as well as ith those of `harvard, apalike, chicago, astron, authordate`, and of course `natbib`.

Loading

A Loading with `\usepackage[`*options*`]{natbib}` is not needed. All `natbib` options and citations styles are implemented for usage with the `agp`-option.

Basic commands

The `natbib` package has two basic citation commands, `\citet` and `\citep` for *textual* and *parenthetical* citations, respectively. All of these may take one or two optional arguments to add some text before and after the citation.

`\citet{jon90}`	⇒	Jones et al. (1990)
`\citet[chap.~2]{jon90}`	⇒	Jones et al. (1990, chap. 2)
`\citep{jon90}`	⇒	(Jones et al., 1990)
`\citep[chap.~2]{jon90}`	⇒	(Jones et al., 1990, chap. 2)
`\citep[see][]{jon90}`	⇒	(see Jones et al., 1990)
`\citep[see][chap.~2]{jon90}`	⇒	(see Jones et al., 1990, chap. 2)

Multiple citations

Multiple citations may be made as usual, by including more than one citation key in the `\cite` command argument.

`\citet{jon90,jon91}`	⇒	Jones et al. (1990); James et al. (1991)
`\citep{jon90,jam91}`	⇒	(Jones et al., 1990; James et al. 1991)
`\citep{jon90,jon91}`	⇒	(Jones et al., 1990, 1991)
`\citep{jon90a,jon90b}`	⇒	(Jones et al., 1990a,b)

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Bibliography

Use the `\bibitem` macro in the following way:

```
\bibitem[Jones \etal (1990)]{jon90} {\bf Jones ...
\bibitem[Jones \etal (1991)]{jon91} {\bf Jones ...
\bibitem[James \etal (1991)]{jam91} {\bf James ...
```

5 Changes using Postscript fonts

The journal 'Annales Geophysicae' is typeset using the Postscript[2] Times fonts for the main text and math. As the use of PostScript fonts results in different line and page breaks than when using Computer Modern fonts, we encourage you to use our document class together with the psnfss package times and if available the mathtime package. This packages does all necessary font replacements to show you the page make-up as it will be printed. Ask your local TEXpert for details. PostScript previewing is possible on most systems. On some installations, however, on-screen previewing may be possible only with CM fonts.

If, for technical reasons, you are not able to use the PS fonts, it is also possible to use our document class together with the ordinary Computer Modern fonts. Note, however, that in this case line and page breaks will change when we reTEX your file with PS fonts, making it necessary for you to check them again once you receive the proofs from the printer.

6 Notes

Again we strongly suggest to use the `\bibitem - \cite` as well as the `\label - \ref` mechanism of LATEX for your cross references throughout your document.

7 Installation

Following packages should be installed: `times`, `natbib`, `amsmath`.

[2]PostScript is a trademark of Adobe.