



**Universität für Bodenkultur Wien**  
Department für Wasser-Atmosphäre-  
Umwelt

# How to write (and publish) a scientific paper in Hydrology

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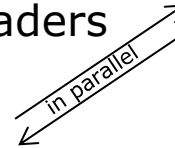
## pre-writing phase

- what is the aim of the manuscript?
  - objective/hypothesis
  - take home message
- is this something new?
  - familiar with literature
  - identify knowledge gap
- do I have supporting data/facts?
  - sound results
  - important results
- what is my story line?
  - general topic
  - preparation of key figures/tables



## writing phase

- content/storyline
  - headers/subheaders
  - bullet points
- start writing
  - „easiest“ chapter
  - be specific
  - short sentences
  - avoid redundancies
- first draft
  - adjust intro/discussion/storyline
  - improve language
- fine tuning
  - title, abstract
- co-authors
  - timeline
  - revisions



## publishing phase

- journal selection
  - scope
  - impact
- submission
  - author instruction
  - format
  - cover letter
- reviewer comments
  - don't be offended
  - improvement
  - detailed rebuttal letter
- journal's decision
  - celebrate - yay
  - not discouraged

➔ everybody has his/her own way of writing