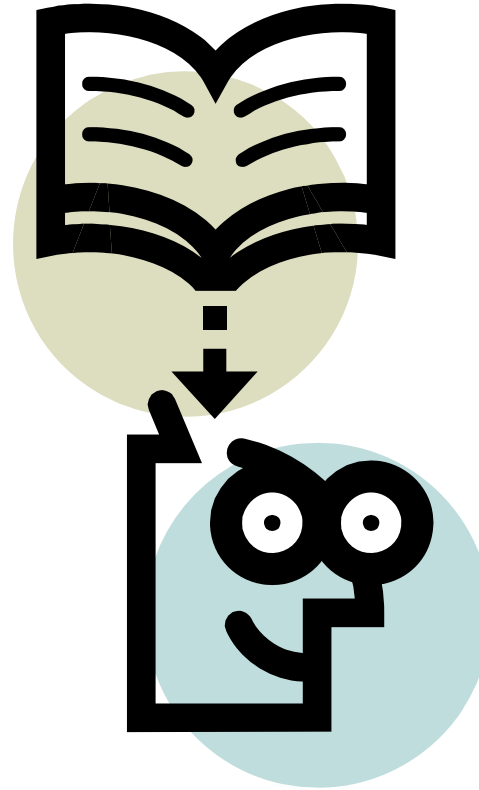


# How to publish



**Jeff McDonnell**

**Dept. Forest Engineering, Resources and Mgmt.**

**Oregon State University**



**OREGON STATE  
UNIVERSITY**

**Open minds. Open doors.™**

# A quick recap of previous comments on publishing

- It's your only portable currency
- Key prerequisite for getting a job
- Main factor in promotion and tenure decisions
- Misc. other things we've discussed:
  - Write PhD papers sequentially and submit as they are finished (so simple yet so seldom done)
  - Consider writing a review paper as part of your set of PhD papers (can yield very high citation stats)
  - Publish in the best journals possible where work will be recognized and read
  - Develop a PhD brand identity
  - Do comment/reply on something recently published
  - Be careful about special issues



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# Outline for this talk

- How journals work
- Paper writing 101
- Reviews and reviewing
- Wrap-up



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# How Journals Work



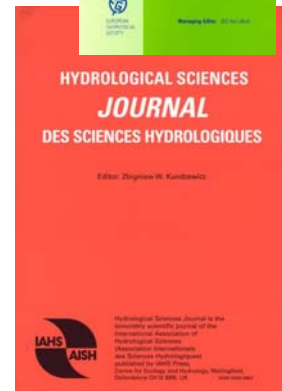
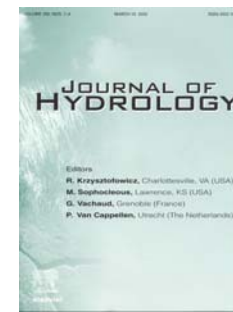
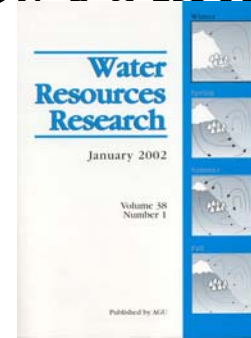
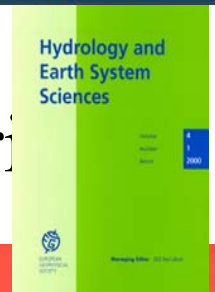
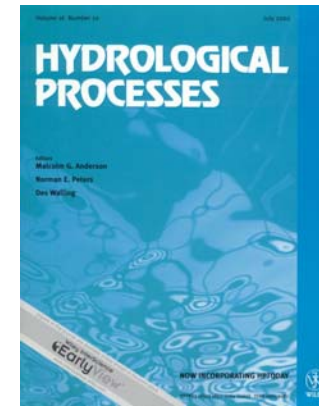
OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# How journals work

*a few of the ones that I've had experience with*

- Hydrological Processes
- Water Resources Research
- Journal of Hydrology
- Hydrology and Earth System Science
- ASCE Journal of Hydrologic Engineering
- Hydrological Sciences Journal
- Ecohydrology



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# ISI Web of Knowledge

*Journal Citation Index*

*10 Sept. 2008*

- ~60 journals on the list
- Statistics
  - Impact factor
  - Immediacy Index
  - Articles published per year
  - Half-life
- How to view these stats
  - Exact numbers not so important
  - They change!
  - Top quartile important
- Key factoids for a P&T dossier:
  - JoH top impact factor in Civil engineering grouping
  - Etc (know these for your P&T dossier!)



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# Top 10 info



Journal	Impact factor	Half-life
• Water Research	• 3.427	• 6.9
• HESS	• 2.270	• 4.7
• Journal of Hydrology	• 2.161	• 8.1
• Water Resources Research	• 2.154	• >10.0
• J Contam. Hydrol.	• 1.852	• 7.0
• Adv. Water Resources	• 1.817	• 5.6
• Hydrological Proc.	• 1.798	• 6.1
• Irrig. Sci.	• 1.797	• 9.5
• Env. Toxicology	• 1.728	• 5.4
• Hydrol. Sci. J.	• 1.604	• 6.5

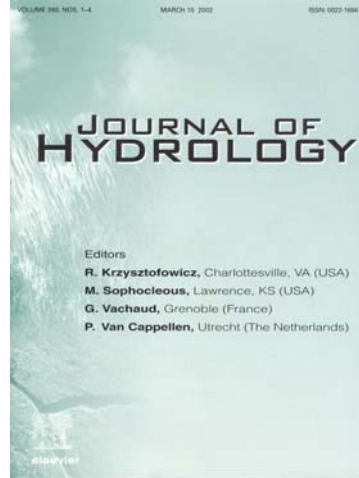


OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# Journal Organizational Structure

*e.g. Journal of Hydrology, pre-Jan 2008*



- The publisher
  - This person's role and power
  - Their objectives, their worries, \$\$\$\$\$\$
- Journal Editors
  - How they are appointed
  - What power do they have
  - Their concerns: Wait times! Impact Factor
- Associate Editors
  - How reviews are managed
- How it's all coordinated
  - Meetings to discuss progress
- A note on "the old days" when Nash was Editor



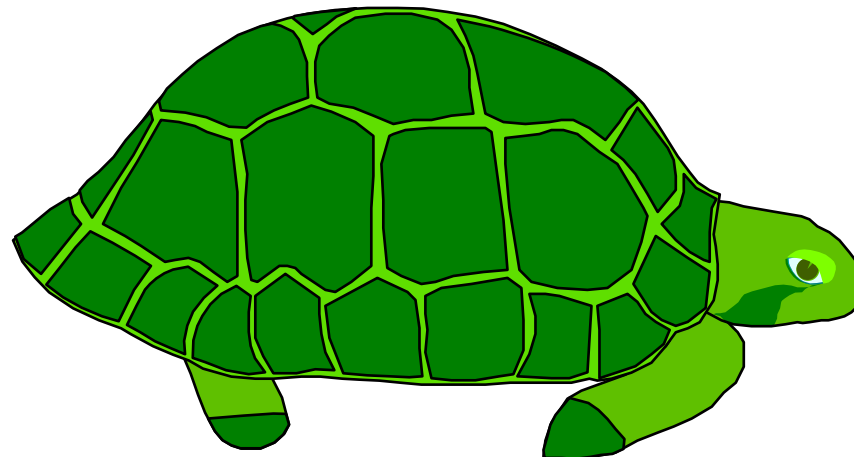
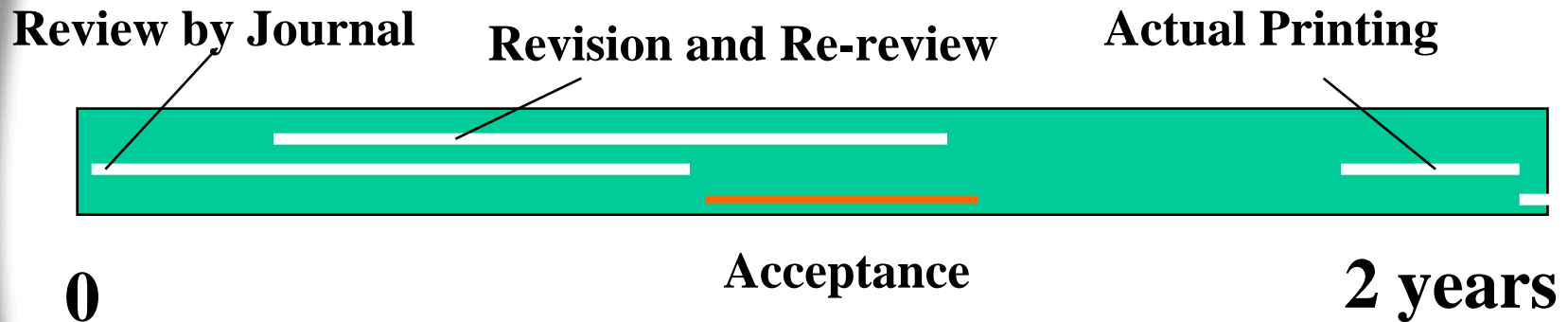
OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# Typical Time-Line After Submittal

*very different for open source journals!*



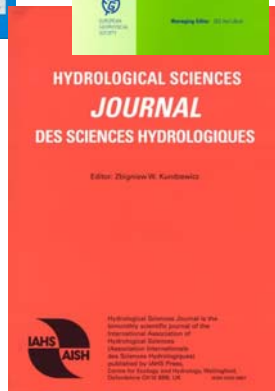
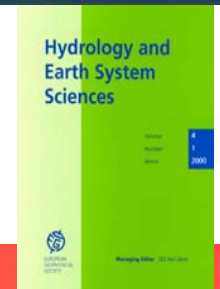
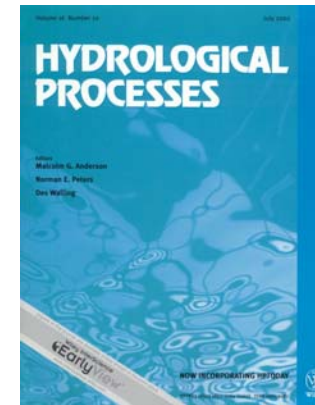
OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

*Modified after Don Siegel*

# Types of papers

- Review papers
- Regular submissions
- Data notes
- Invited Commentary
- Comment/Reply
- Technical Note
- Letters



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# What you are striving for

*sadly, most papers are not even cited!*

ScienceDirect™ makes sense.  
www.sciencedirect.com

select your interest

Earth and Planetary Sciences  
Journal of Hydrology  
browse top 25 archive  
Current April - June 2008

show my alerts

sign up now! for the e-mail alerts

e-mail address

About the Top 25

go to ScienceDirect contact sitemap

### Top 25 Hottest Articles

Earth and Planetary Sciences > Journal of Hydrology  
April - June 2008

RSS Blog This! Colab Print Show condensed

- Assessing the impacts of climate change on the water resources of the Seyhan River Basin in Turkey: Use of dynamically downscaled data for hydrologic simulations**  
*Journal of Hydrology, Volume 353, Issue 1-2, May 2008, Pages 33-48*  
Fujihara, Y.; Tanaka, K.; Watanabe, T.; Nagano, T.; Kojiri, T.
- Spatial and temporal variability of precipitation maxima during 1960-2005 in the Yangtze River basin and possible association with large-scale circulation**  
*Journal of Hydrology, Volume 353, Issue 3-4, May 2008, Pages 215-227*  
Zhang, Q.; Xu, C.Y.; Zhang, Z.; Chen, Y.D.; Liu, C.I.; Lin, H.
- Impact of summer droughts on the water quality of the Meuse river**  
*Journal of Hydrology, Volume 353, Issue 1-2, May 2008, Pages 1-17*  
van Vliet, M.T.H.; Zwolsman, J.J.G.
- So just why would a modeller choose to be incoherent?**  
*Journal of Hydrology, Volume 354, Issue 1-4, June 2008, Pages 15-32*  
Beven, K.J.; Smith, P.J.; Freer, J.E.  
Cited by Scopus (2)
- Development and application of the integrated SWAT-MODFLOW model**  
*Journal of Hydrology, Volume 356, Issue 1-2, July 2008, Pages 1-16*  
Kim, N.W.; Chung, I.M.; Won, Y.S.; Arnold, J.G.
- Modelling the water balance of a mesoscale catchment basin using remotely sensed land cover data**  
*Journal of Hydrology, Volume 353, Issue 3-4, May 2008, Pages 322-334*  
Montzka, C.; Canty, M.; Kunkel, R.; Menz, G.; Vereecken, H.; Wendland, F.  
Cited by Scopus (1)
- Multivariate statistical analysis of geochemical data as indicative of the hydrogeochemical evolution of groundwater in a sedimentary rock aquifer system**  
*Journal of Hydrology, Volume 353, Issue 3-4, May 2008, Pages 294-313*



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# The facts



- Most papers are never cited!
  - A good paper in hydrology is cited 25 times
  - A great paper is cited 50 times
  - A benchmark paper is cited 100+ times
- Why are papers not cited?
  - Not well written
  - Weak science
  - Message not clear
  - Conclusions not supported by evidence
- In this electronic age, title now more important!
  - Check out the most-downloaded papers at HP and JoH



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# A success story

*Keith Beven, Lancaster Univ*



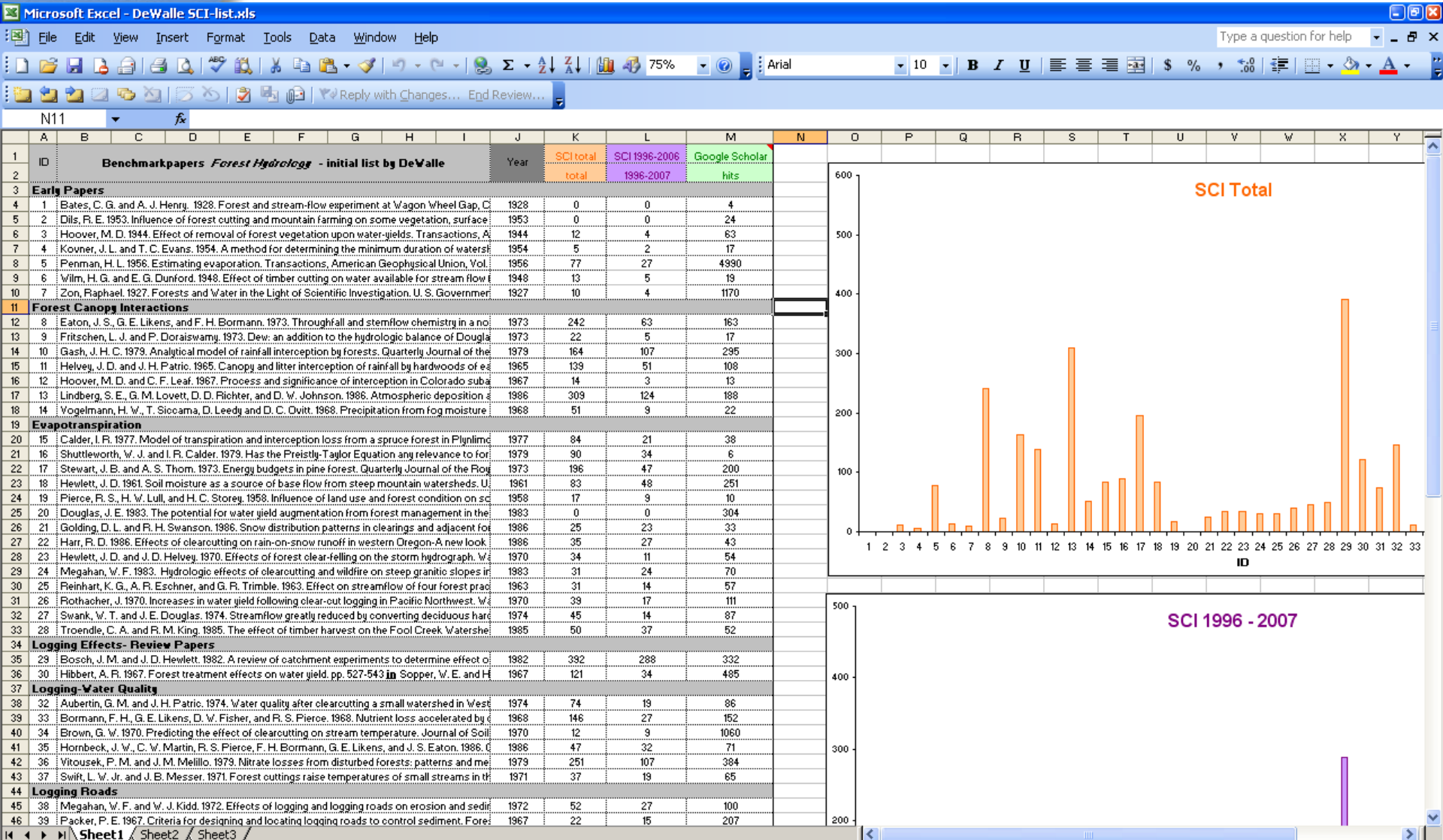
- Why is he the world's most cited hydrologist?
  - when there are so many other brilliant hydrologists out there?
    - Writing clarity (and very compelling)
    - Knows literature better than anyone
    - Writing theme(s) and core area
    - Uncanny knack to read where the field is headed
    - Pushes the field in new directions
    - Intellectual trailblazer



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

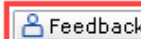
# Citation stats of Benchmark Papers



# H-Index

Dingwell, Donald B.

[Find unmatched authors](#)



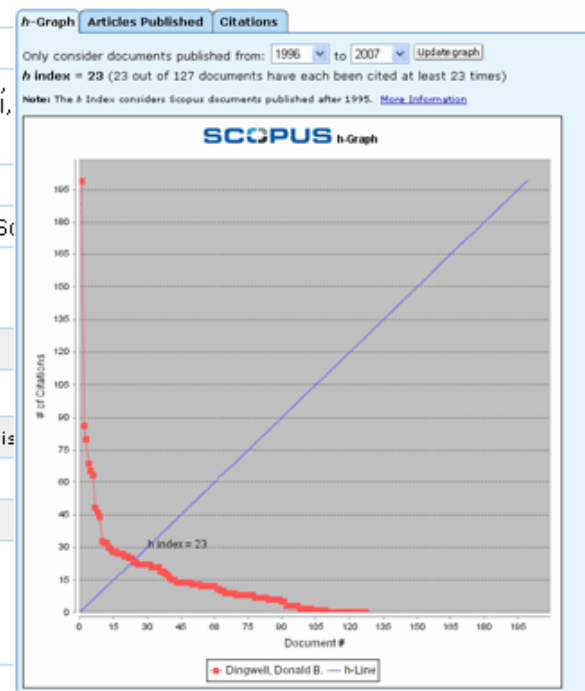
## Personal

Name	Dingwell, Donald B.
Other formats	Dingwell, Don B. Dingwell, D. Dingwell, Donald Dingwell, D. B.
Author ID	7005060998
Affiliation	University of Munich, Department of Earth and Environmental Science

## Research

Documents	<a href="#">187</a>	Add to list
Cited By	<a href="#">1598</a>	Citation tracker
<b><i>h</i> Index</b>	<b>23</b>	<i>h</i> -graph <small>The <i>h</i> Index considers Scopus articles published</small>
Co-authors	<a href="#">150</a> (maximum 150 co-authors can be displayed)	
Web Search	<a href="#">4</a>	
Subject Area	Earth and Planetary Sciences Physics and Astronomy Materials Science <a href="#">More...</a>	

[Find unmatched authors](#)



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

From The Scopus Team [[ScopusTeam@mail.elsevier-alerts.com](mailto:ScopusTeam@mail.elsevier-alerts.com)]

# How to write a paper



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# A scientific paper tells a story!!

- You need a problem or something to catch the reader's attention
- You need a plot
- You need resolution of the problem at the end of the story.



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

*From Don Siegel*

THE #1 NEW YORK TIMES BESTSELLER  
**MONICA'S  
STORY**



**ANDREW  
MORTON**  
Bestselling Author of *Diana: Her True Story*

# A topdown approach

- Start with a story board approach much like a Hollywood writer would pitch a movie script to a director/producer
- Develop an outline with headings and subheadings
- Iterate on this many times, adding sub-sub-headings
- Identify key figures to tell the story
- Fill in the outline further
- Make writing assignments to co-authors
  - A divide and conquer approach
- Do not start any writing until
  - the outline is rock-solid,
  - figures are made
  - Subheadings = paragraph topics



OREGON STATE  
UNIVERSITY

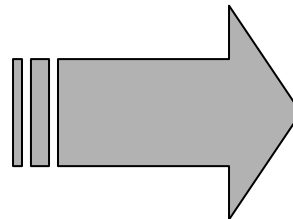
Open minds. Open doors.™

# An example

## *Round 1*

### Round 1

- Title
- Abstract
- Introduction
- Study Site
- Methods
- Results
- Discussion
- Conclusions
- References



### Round 2: Introduction

- Importance of MRT
- Inability to measure
- Few studies to date (cite large and small rivers)
- New discoveries in MRT: L/G, soil controls as per Aberdeen workshop
- The Vitvar et al . technique
  - Untested
  - But if it could work.....
- Objectives
  - Test recession analysis vs MRT
    - Advantage of HJA multiple MRT, common soil char, extreme seasonality

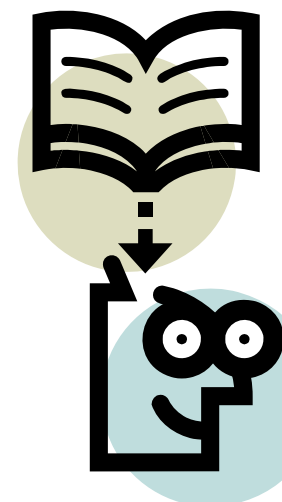


OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# Top-down approach

- Iterate on the headings and subheadings (Rounds 3-....)
- Iterate on many alternative title alternatives
- Figures
  - HJA location
  - Shank map analysis
  - MRT bar chart
  - Flow hydrograph with fit
  - Soil depth vs MRT-derived flow volumes
- Tables
  - Vitvar method catchment stats:
  - Sensitivity analysis numbers
  - Soil depth stuff?



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# Knowing the literature

- Critical for framing your study in the first place!
- Valuable for Introduction and building to your objectives
- Essential for validating your questions
  - That no one else has already done this!
  - That these are the obvious “next step” questions to be addressed
- Important for Discussion—to define the relevance of your study vis-à-vis other work
  - How did you add incrementally to new knowledge

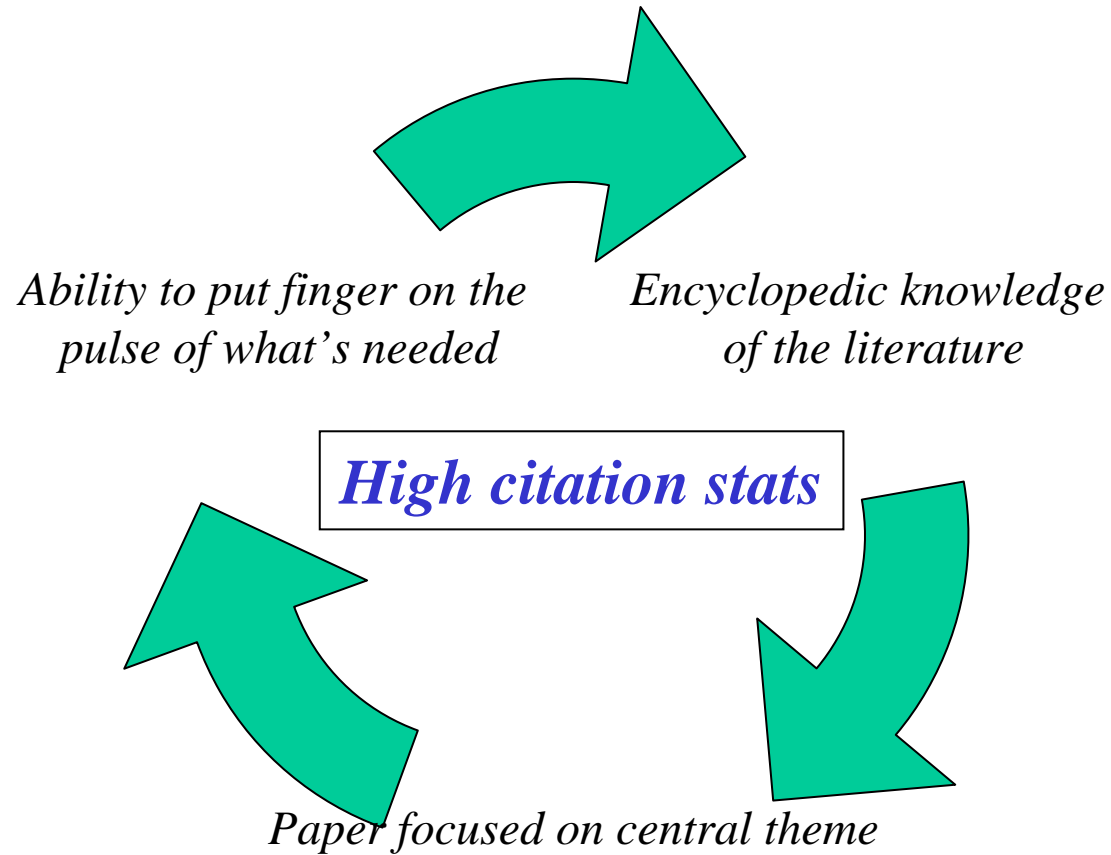


OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# A tightly coupled paper “success” loop



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# Attributes of the best papers

- Resolve a controversy
- Separate Results and Discussion sections
- Discussion with sub-headings as questions
- Introduction builds to central questions
- All roads lead to central question
- Hypotheses/research questions crystal clear and results flow from these questions



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# Paper structure and relative level of writing difficulty

- Title (difficult)
- Abstract (difficult)
- Introduction (Most difficult)
- Study Area or Background (easy)
- Methods (easy)
- Results (easy—just the facts)
- Discussion (Second-most difficult)
- Conclusions (easy)

*From Don Siegel*



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# The Introduction

*Explains the problem..*

- Needs a “snappy” lead sentence to catch the reader’s attention. *Runoff processes on tile drained fields are poorly known.*
- Need to state up front what is the status quo, then what’s wrong with the status quo and then how your questions posed are the obvious way forward to go beyond the status quo
- Another way is to think of defining what we know, what we think we know, what we need to know.



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

*From Don Siegel*

# Introduction 'cont

- Very important to tie to the literature
- Use past studies as set-up for your work
- Objectives must flow from the set-up
- Reader must believe that these are THE obvious questions to ask for this point in time for the sub-discipline



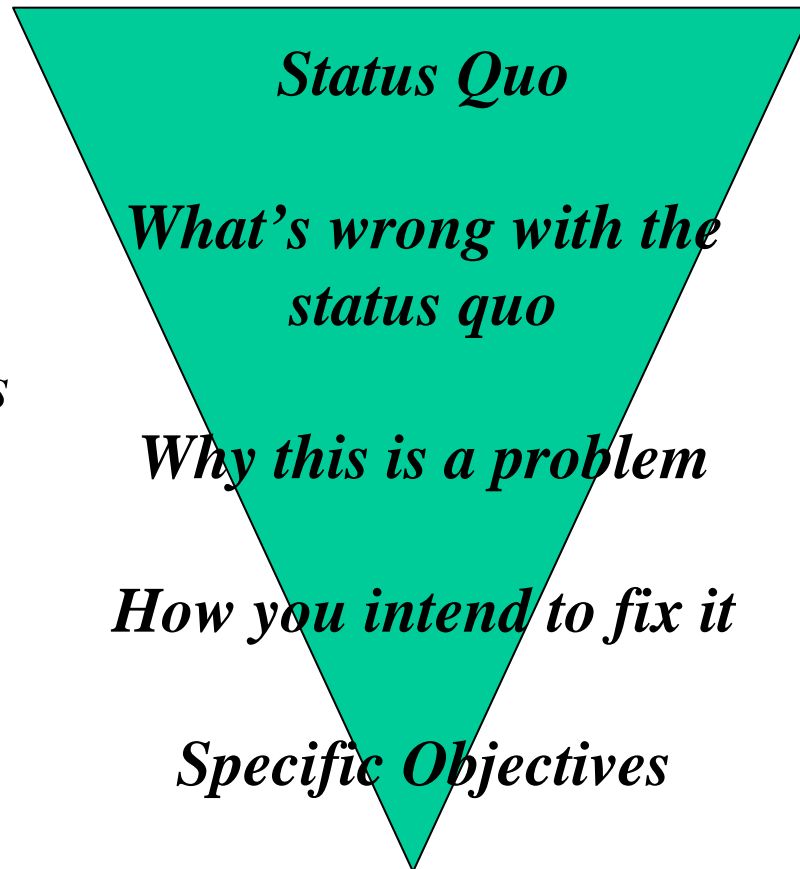
OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# Introduction

*...as an inverted pyramid*



*Very general  
References*



*Very specific  
references*

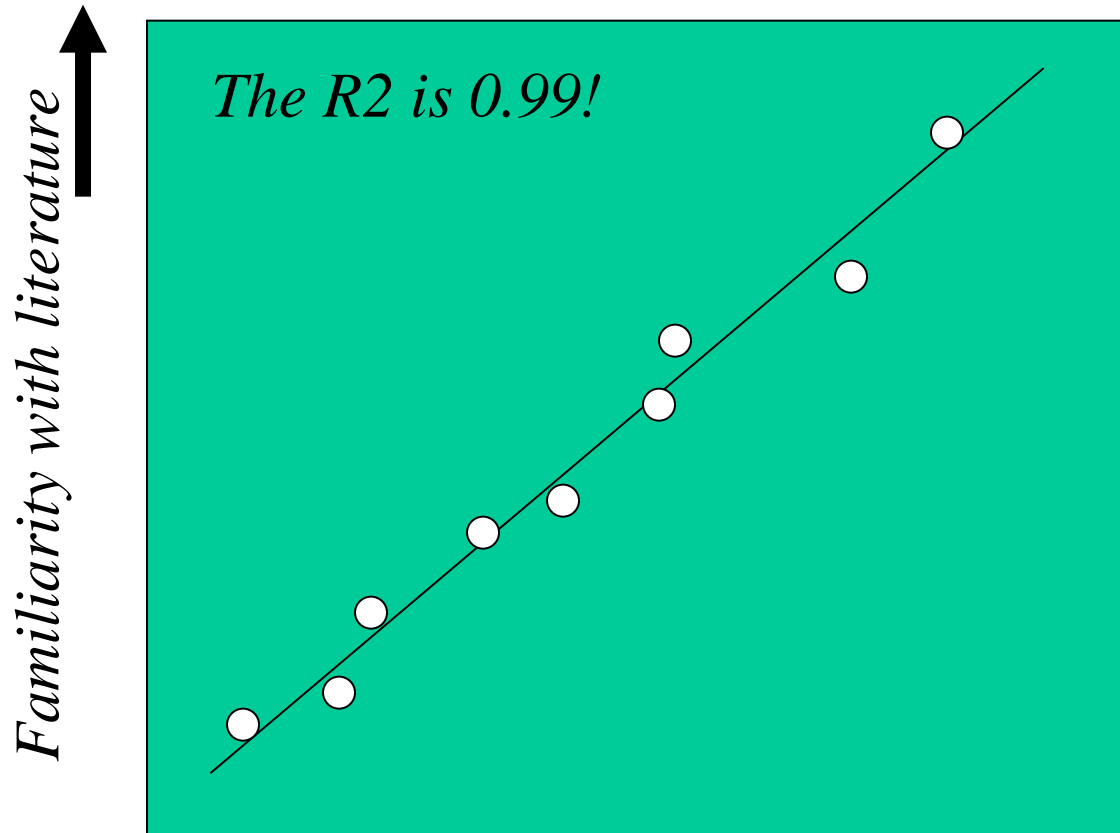
*# of references  
increases*



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# The reading-publishing connection



*Ease and speed of writing*  
*Impact of paper published*  
*Citeability*



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# Discussion

- Presents the “WHY” and “HOW” of the story
- Includes how work agrees (or disagrees) with work of others.
- Easiest if structured around questions (as sub-headings)
- Good examples
  - Anderson et al 1997 WRR



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

*From Don Siegel*



# A bit on writing style

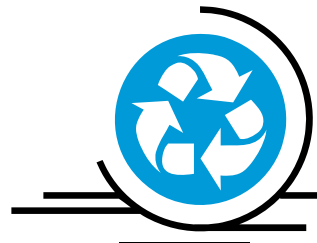
- Write in the active tense instead of passive tense: “We collected samples of blah...” instead of “Samples of blah were collected...”
- Avoid all jargon if at all possible. Never assume the reader knows any jargon.
- Write in simple sentences
- Subject and verb up-front in all sentences
- You can use personal pronouns: “We sampled...”



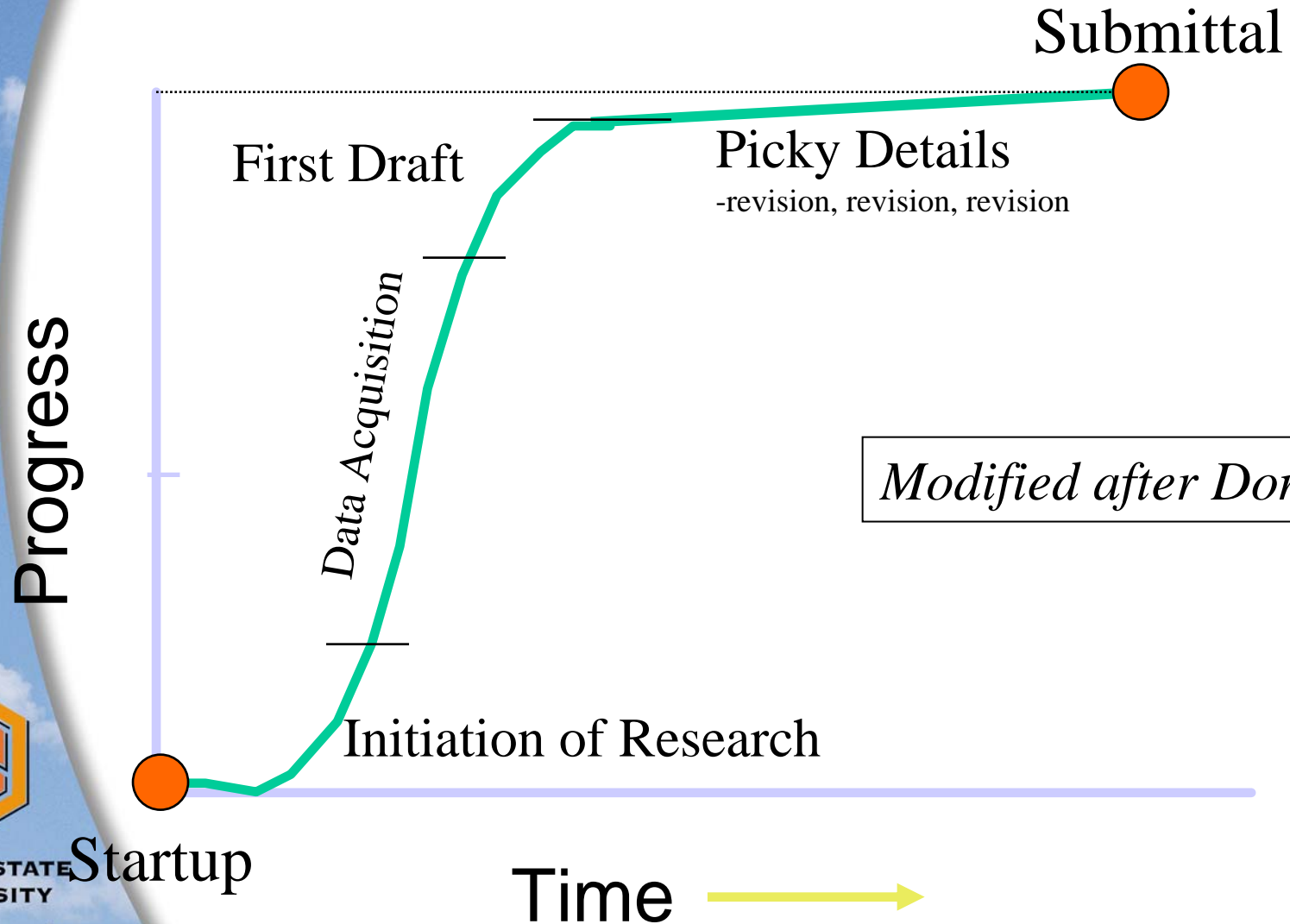
OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

*From Don Siegel*



# Typical Paper Writing Timeline



*Modified after Don Siegel*



OREGON STATE UNIVERSITY

Open minds. Open doors.™

# Reviews and reviewing



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



*From Don Siegel*

# The Reviewer

- A busy scientist with too many demands on her/his time.
- Will compare yours with the 2 or 3 others that they are currently reviewing
- Will read it in 60 min or less
- Will compose her review in less than 30 min



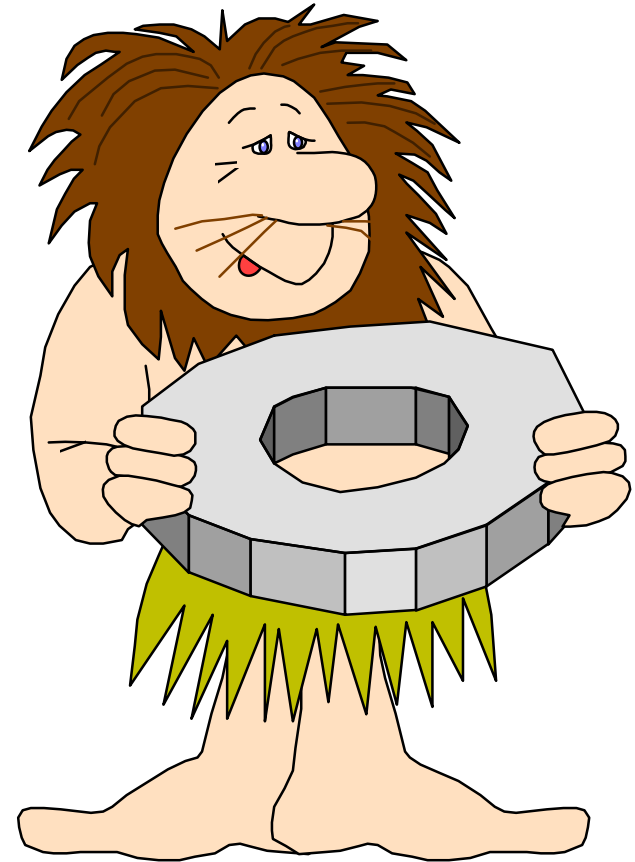
OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

*Therefore, the paper must be extraordinarily well written*

# The Editor

- Will always side with the most critical review
- Risk intolerant
- Overwhelmed with papers
  - E.g. WRR 900+ submissions per year back when I was AE



# What reviewers are asked

## Referee reports

- Is original
- Is methodologically sound
- Follows appropriate ethical guidelines
- Has results which are clearly presented and support the conclusions
- Correctly references previous relevant work

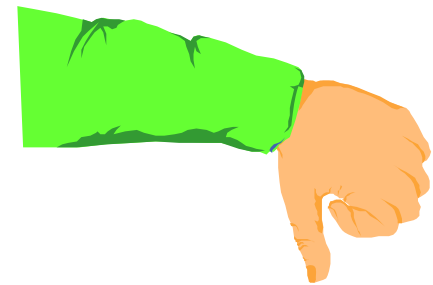
## Need to:

- Anticipate review issues before submission
- Sometime finesse review comments



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# Responding to reviews

- **At best, minor revision required (rare)**
- **Usually, more major revision**
  - Sometimes a re-review, sometimes a then rejection
  - Don't give up!
- **Sometimes outright rejection**
  - Don't give up!
- **Write a polite, appreciative letter back to the editor outlining the changes made**
  - Don't give up
- **Speed and detail in responding to review comments directly proportional to ultimate acceptance**
  - Don't give up



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# Did I mention?

## • Don't give up!

– Do not give up if rejected!!!!

- The Beven and Kirkby paper was rejected from JoH in 1978 as being “only of local interest”!
- HSJ was the outlet for the rejected paper
- Now one of the most cited papers of all time in catchment hydrology



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# What an Editor might say

## EDITOR'S REPORT

4- Major revision requested following reviewers' recommendations, with subsequent re-evaluation by reviewer #1

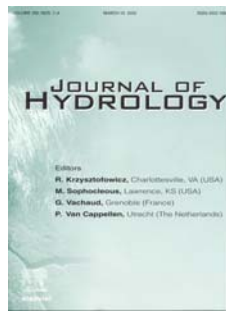
This manuscript contains some interesting material, but it should be considerably revised and fully rewritten before being acceptable for publication in this journal. In terms of editorial point of view, it suffers of the fact that it is by far too long with respect to its scientific interest and should be restructured as a short technical note. In terms of scientific point of view, the great weakness of the study is the lack of reliable alternative measurement of soil moisture. Due to the lack of information concerning calibration and resolution of the fairly confidential "Aqua-pro" system (I was unable to find any information on this device) and to the lack of absolute value of soil water content (no one with a background in soil physics would relate on "profile average soil moisture" higher than 50%..) results given in this manuscript are purely descriptive. Furthermore the discussion concerning the effect of measurement frequency on depth resolution is far from being convincing. Besides those two basic problems, both reviewers did a set of very thorough comments to help authors to improve their publication. I hope they will be in measure to resubmit accordingly.

.....and two more pages.....



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# What you will be asked

*Dear Dr. McDonnell,*

*I am writing with regard to the review of Mean recharge times and chemical modelling for transfers of mineral and Thermal multi-layered aquifers (Montrond-les-bains, Eastern Massif Central, France) (Dr ch renac). You agreed to review this article on .*

*I appreciate that your workload may not have enabled you to give this manuscript your consideration, but we would be grateful if you could let us know whether you could read this article and perhaps return a review in the near future. Critical refereeing is vital for ensuring the quality of the articles that we publish, and your input to this end would be gratefully received; we appreciate the work that the reviewers conduct for the journal.*

*Therefore I would be grateful if you would submit your review as soon as possible at <http://ees.elsevier.com/hydro/>.*

*Your username is: JMCDONNELL*

*Your password is: jmcdonnell*

*With kind regards,*

*Dr. P. Bhattacharya  
Associate Editor  
Journal of Hydrology*



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# The Galley Proofs

*answering their questions*

query\_response.pdf - Adobe Reader


File Edit View Document Tools Window Help

1 / 1 130% Review & Comment Find

---

Our reference: HYDROL 16061 P-authorquery-v6

### AUTHOR QUERY FORM

 ELSEVIER	<b>Journal : HYDROL</b>  <b>Article Number : 16061</b>	<b>Please e-mail or fax your responses and any corrections to:</b>  <b>E-mail: <a href="mailto:corrections.esnl@elsevier.sps.co.in">corrections.esnl@elsevier.sps.co.in</a></b>  <b>Fax: +44 8707628797/+91 4442197793</b>
---	--	--

Dear Author,

During the preparation of your manuscript for typesetting, some questions may have arisen. These are listed below and highlighted by flags in the margin of the proof. Please check your typeset proof carefully and mark any corrections in the margin of the proof or compile them as a separate list. In case artwork needs revision, please consult <http://www.elsevier.com/artworkinstructions>

**Electronic file usage**  
Sometimes we are unable to process the electronic file of your article and/or artwork. If this is the case, write down the reason by:

Scanning (parts of) your article     Rekeying (parts of) your article     Scanning

**Queries and/or remarks**

**Replacement Text** 3/6/2008 7:58:55 PM  
brookehallinan Options  
Corrected this to Garen and Marks, 2005.  
Final note. Please replace Figure 8, with one attached. Thank you.

start 4 Microsoft Offi... 17 Microsoft Of... 9 Microsoft Offi... query\_response... 11:22 PM



OREGON STATE UNIVERSITY



# The Galley Proofs

*checking your words: critical!*

HYDROL 16061  
25 January 2008 Disk Used

ARTICLE IN PRESS

No. of Pages 14, Model 6+

Assessing the controls of the snow energy balance and water available for runoff in a rain-on-snow environment 5

216 (Link and Marks, 1999a), Turkey (Şensoy et al., 2006) and  
217 the Pacific Northwest (Marks et al., 1998; Marks and Winst-  
218 tral, 2002; Van Heeswijk et al., 1996). The spatially distrib-  
219 uted version (SNOBAL) has been successfully applied to the  
220 Boise River Basin (Garen and Marks, 2005), the Wasatch  
221 Range in Utah (Susong et al., 1999), the Boreal Ecosystem-  
222 Atmosphere Study (Link and Marks, 1999b), the California  
223 Sierra Nevada (Marks et al., 1999a), the Reynolds Creek  
224 Q2 Experimental Watershed (Marks and Winstal, 2001; Winst-  
225 tral and Marks, 2002) and the central Washington Cascades  
226 (Mazurkiewicz, 2006). SNOBAL is a utility built in the Image  
227 Processing Workbench (IPW) (Frew, 1990; Marks et al.,  
228 1999b). The software operates in a UNIX environment with  
229 a command line interface. In addition to SNOBAL, IPW util-  
230 ities were used to calculate thermal radiation, relative  
231 humidity to vapor pressure conversions and clear sky solar  
232 radiation (Marks et al., 1999b).

233 **SNOBAL forcing data**

234 The required forcing data for the model are net solar radia-  
235 tion, incoming thermal radiation, air temperature, precipita-  
236 tion, wind speed, vapor pressure and ground  
237 temperature. These forcing data were processed at 3-h  
238 intervals for model runs.

239 **Solar**

240 The model requires net incoming shortwave radiation data  
241 (0.3–2.8  $\mu\text{m}$ ), which were generated from each station's  
242 measured incoming solar radiation. In order to account for  
243 reflected shortwave radiation, a modeling approach was taken  
244 because direct measurements of albedo were not made

face albedo. This algorithm was derived to reduce the  
snow albedo over a 14-day period to a lower limit of 0.6  
for visible and 0.4 for NIR wavelengths, an approach similar  
to that of Garen and Marks (2005). The coefficients in Eq. (2)  
were developed by calculating a logarithmic decay for snow  
albedo from unity to 0.6 for the visible spectral range over  
the 14-day period.

This approach was evaluated and compared to other pub-  
lished albedo decay models, to identify discrepancies in  
model performance and to see the effects of different albe-  
do modeling decay approaches on the annual snow energy  
budget summary. Garen and Marks (2005) applied a square  
root decay function with lower limits for the visible and  
NIR, modeled from peak snow pack to melt out. Link and  
Marks (1999a) used a linear decay function from peak snow  
pack to melt out. These two approaches were applied to the  
UPLMET WY1996 dataset.

**Longwave radiation**

Longwave (thermal) radiation (2.8–100  $\mu\text{m}$ ) was the only  
forcing parameter not measured directly at the climate sta-  
tions. Longwave radiation input was estimated using a  
three-step process (Garen and Marks, 2005; Susong et al.,  
1999). First, clear sky longwave radiation was calculated  
following the Brutsaert method with the IPW command *trad*  
(Marks and Dozier, 1979). This technique used air tempera-  
ture, vapor pressure and elevation to approximate down-  
welling atmospheric thermal radiation during clear sky  
conditions. An adjustment of thermal radiation was re-  
quired in order to account for incoming longwave radiation  
from low, dense clouds which are common during winters in  
the PNW. A cloud cover factor was calculated using the



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# How I review a paper

- Read it with a pencil in my hand
- Circle sections where comments are needed
- Number sequentially each section
- Following reading (same day!), go back to numbered areas and write-up comments
  - Spelling/grammar
  - Substantive
  - General
- Review has a beginning paragraph that starts with praiseworthy aspects of paper then segues with a “these favorable comments notwithstanding” ...
  - Then bullets with page/line numbers
- Summary paragraph ending with proposed fate of paper
- First WRR review took me >8 hr



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# Wrap-up



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# Why we publish

- You want to **write a paper that is cited**
- You want your **ideas to influence others**
- The very best papers impact other fields (but this is very rare)
- To do this:
  - Publish in the best possible journal
  - Write a paper that will *set the world on fire*
  - Do not give up if rejected!!!!



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™



# On co-authorship

- Always err on the side of inclusiveness rather than exclusiveness
- Remember the AGU motto
- Person taking the lead on writing usually goes first
- Student usually first
- Number of authors on the paper inversely proportional to the workload of the senior author



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# Other questions you may have

- How to decide on appropriate # of publishable units
- Two part papers?
- Special issues?
- Self citation (see commentary by Mary Anderson in Groundwater)
- How much reviewing should you do
  - 3 reviews for every paper you publish
- Other?



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

# Conclusions

- Publishing
  - It is an obligation to your science
  - It is an obligation to your funder
  - If English is your first language, then you are very lucky indeed—you have no excuses
- Follow the topdown formula and it will make life much easier
- Practice helps a lot (your 3<sup>rd</sup> paper from your PhD thesis always has less redmarks than the first)
- Write when you feel inspired—don't force it.
  - Try a daily early morning writing hour



OREGON STATE  
UNIVERSITY

Open minds. Open doors.™

