



FORHEAL: Forestry Higher Education Advancement in Laos (Erasmus+)  
Scientific Writing in English – National University of Laos, 2020

# Scientific Writing in English – NUoL 2020

Markku Kanninen  
2020



# Objectives of the training event

1. Improve the impact of the research process by focusing on the effectiveness communicating the research results
2. Improve our skills in several aspects of writing
  - Decide what type of the manuscript to write
  - Choosing the target journal
  - Messaging: what is the key message?
  - Paying attention to journal requirements in the Guide for Authors
  - Paying attention to the structure of the paper
  - Understanding publication ethics to avoid violations



# Tentative program

- The following program is tentative and preliminary
- It will be modified based on expectations and needs of the participants
- Main focus will be in
  - Individual coaching, practicing
  - Discussions in groups



## Training event – daily program

8:00-10.30

- Wrap up of yesterday's session
- Presentation (Markku)
- Discussion on a selected topic of the research process

10:45-14:30

- Individual writing and coaching
- Group work

14.45-16:00

- Thematic lectures (if needed)
- Wrap-up



# Tuesday morning

Time	Activities	Trainers
8.00 – 8.30	Registration	<u>Duangphachan</u>
8.30 – 8.45	Opening words	Dean of FFS
8.45 – 9.00	Objectives of the training workshop	Thoumthone
9.00 – 9.30	Research at NUoL: status, opportunities, challenges and gaps	Representative of Research Office, NUoL
9.30 – 10.30	Introduction to scientific research: What is it? Why do it? <ul style="list-style-type: none"> <li>• Basic concepts<sup>1</sup></li> <li>• Research products: Case studies, surveys, maps, figures</li> <li>• Thinking about one's audience: evidence, methods, presentation, tone</li> </ul>	Markku
10.30 – 10.45	Coffee break	
10.45 – 12.00	(continue) Introduction to scientific research: What is it? Why do it? <ul style="list-style-type: none"> <li>• Basic concepts</li> <li>• Research products: Case studies, surveys, maps, figures</li> <li>• Thinking about one's audience: evidence, methods, presentation, tone</li> </ul>	Markku
12.00 – 13.30	Lunch	



# Tuesday afternoon

13.30 – 14.30	Defining and writing a research problem statement <ul style="list-style-type: none"><li>• Problems, questions, hypotheses, objectives</li><li>• What to actually <i>do</i>? Using the literature, responding to public debate, doing preliminary research</li></ul>	Markku
14.30 – 14.45	<b>Coffee Break</b>	
14.45 – 16.00	(continue) Defining and writing a research problem statement <ul style="list-style-type: none"><li>• Problems, questions, hypotheses, objectives</li><li>• What to actually <i>do</i>? Using the literature, responding to public debate, doing preliminary research</li></ul>	Markku
16.00 – 16.15	<b>Wrap-up day 1</b>	



# Wednesday

8.00 – 8.30	Registration	<u>Duangphachan</u>
8.30 – 10.30	Writing a key message in a manuscript <ul style="list-style-type: none"> <li>• What is a key message</li> <li>• Why is it? And how is it important?</li> <li>• Where to put a key message in the manuscript</li> <li>• How to writing a key message</li> </ul>	Markku
10.30 – 10.45	<b>Coffee break</b>	
10.45 – 12.00	<b>Research Methodology</b> <ul style="list-style-type: none"> <li>• What methodological approached had been used for collecting data?</li> <li>• Where are methodological approaches come from?</li> <li>• How to write research methodologies in a manuscript?</li> </ul>	Markku
12.00 – 13.30	<b>Lunch</b>	
13.30 14.30	<b>Research findings</b> <ul style="list-style-type: none"> <li>• How to structure research findings</li> <li>• How to link research findings with research objectives/questions</li> <li>• How to writing a good paragraph (topic sentence and connection from one to the next paragraph/or connection the next sentence to previous paragraph)</li> </ul>	Markku
14.30 – 14.45	<b>Coffee break</b>	
14.45 – 16.00	<b>Pulling it all together</b> <ul style="list-style-type: none"> <li>• Writing a good conclusion</li> <li>• How to assemble data for particular target audiences (to whom is your research useful?)</li> <li>• How to communicate your research to your audiences?</li> </ul>	Markku
16.00 – 16.15	<b>Wran-up dav 2</b>	



# Thursday & Friday

8.00 – 8.30	Registration	
8.30 – 10.30	Individual writing and coaching	All
10.30 – 10.45	Coffee Break	
10.45 – 12.00	Individual writing and coaching	All
12.00 – 13.30	Lunch	
13.30 – 14.30	Individual writing and coaching	All
14.30 – 14.45	Coffee break	
14.45 – 16.00	Individual writing and coaching	All
16.00 – 16.15	Wrap-up day 3: progress and challenges... need additional support	
7.00 – 8.00	Check-out	All
8.00 – 8.30	Registration	
8.30 – 10.30	Individual writing and coaching	All
10.30 – 10.45	Coffee Break	
10.45 – 12.00	Individual writing and coaching	All
12.00 – 13.30	Lunch	
13.30 – 14.30	Individual writing and coaching	All
14.30 – 14.45	Coffee break	
14.45 – 15.30	<u>Overall</u> feedback on individual writing	Markku
15.30 – 16.00	Summary and closure	Dean of FFS
15.00 -	Departure to Vientiane	All





# Markku Kanninen

- Professor of Tropical Forestry, Director of Viikki Tropical resources Institute (VITRI), University of Helsinki (2010-)
- CIFOR, Indonesia (2003-2010), CATIE, Costa Rica (1996-2003)
- Director, The Finnish Research Program on Climate Change (1990-1995)
- Over 350 publications – scientific 220+, other 150
- Part of IPCC since 1990, Nobel Prize 2007, SR on 1.5 Degrees 2018
- Supervision: about 40 MSc and 30 MSc students
- Policy formulation: IPCC (1990-), UNFCCC Adaptation Fund Board (2008-2017), Finnish Climate Panel (2011-2019)



# Activity & discussion – Tuesday

To help organization and daily programs

- What are my learning objectives?
  - Do I have a specific case/problem I want to solve?
  - Other specific challenges
- 
1. Make a list of your priorities individually
  2. Discuss them with your peers/in your group
  3. Suggest modifications in the program/schedule/topics



# Thank you



Tangkuban Perahu, Java, Indonesia. Photo: M. Kanninen

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