Your title

Doctoral Qualification Proposal

Your name

May 2026

Advisory Committee:
    Dr. A
    Dr. B
    Dr. C
    Dr. D
    Dr. E

Department of Earth Sciences
University of Connecticut

UCONN
EARTH SCIENCES

Abstract

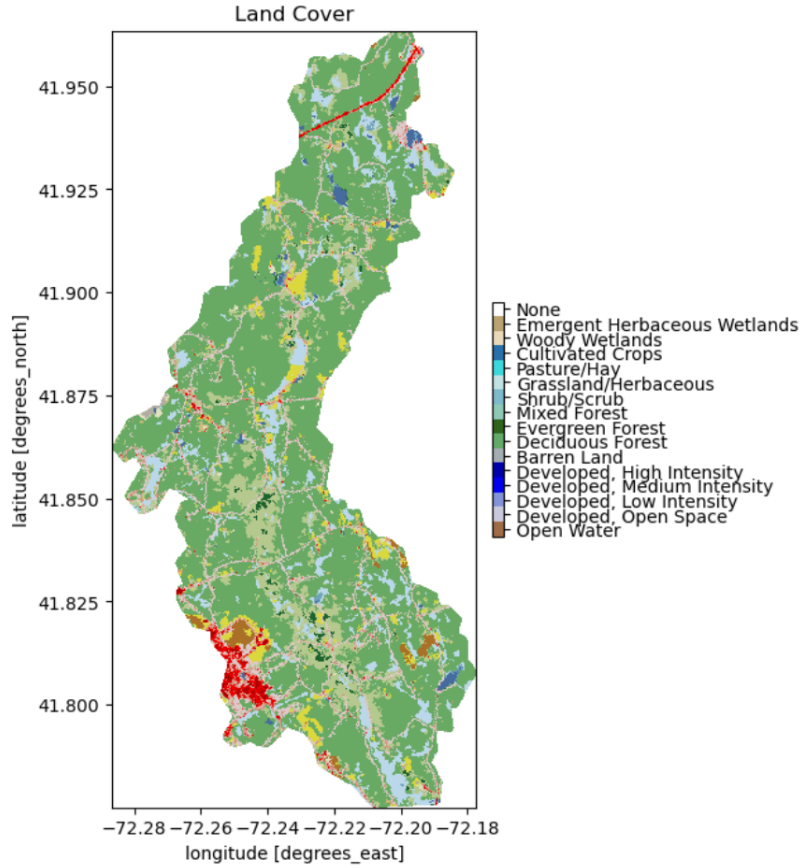## 0.1 Background

1 Introduction

1.1 Background

1.2 Intellectual Merit

The most cited paper (Coon and Shuai, 2022).
Richard equation (eq. 1):

$$\frac{\partial \theta(h)}{\partial t} = \nabla \cdot [K(h)\nabla(h + z)] \tag{1}$$

You can reference a figure like this (fig. 1). Upload your own figures in the /figures/ folder.

Figure 1. *A caption*

1. First item;

2. Second item;

3. Third item.

1.3   Knowledge gaps

- First item;

- Second item;

- Third item.

2 Objective and research questions

RQ 1. *First research question?*

RQ 2. *Second research question?*

RQ 3. *Et cetera...*

3 Chapter 1

3.1 Methods tackling the first research question

a. Methodology

    i. First step
    ii. Second step

    iii. Third step

b. Novelty
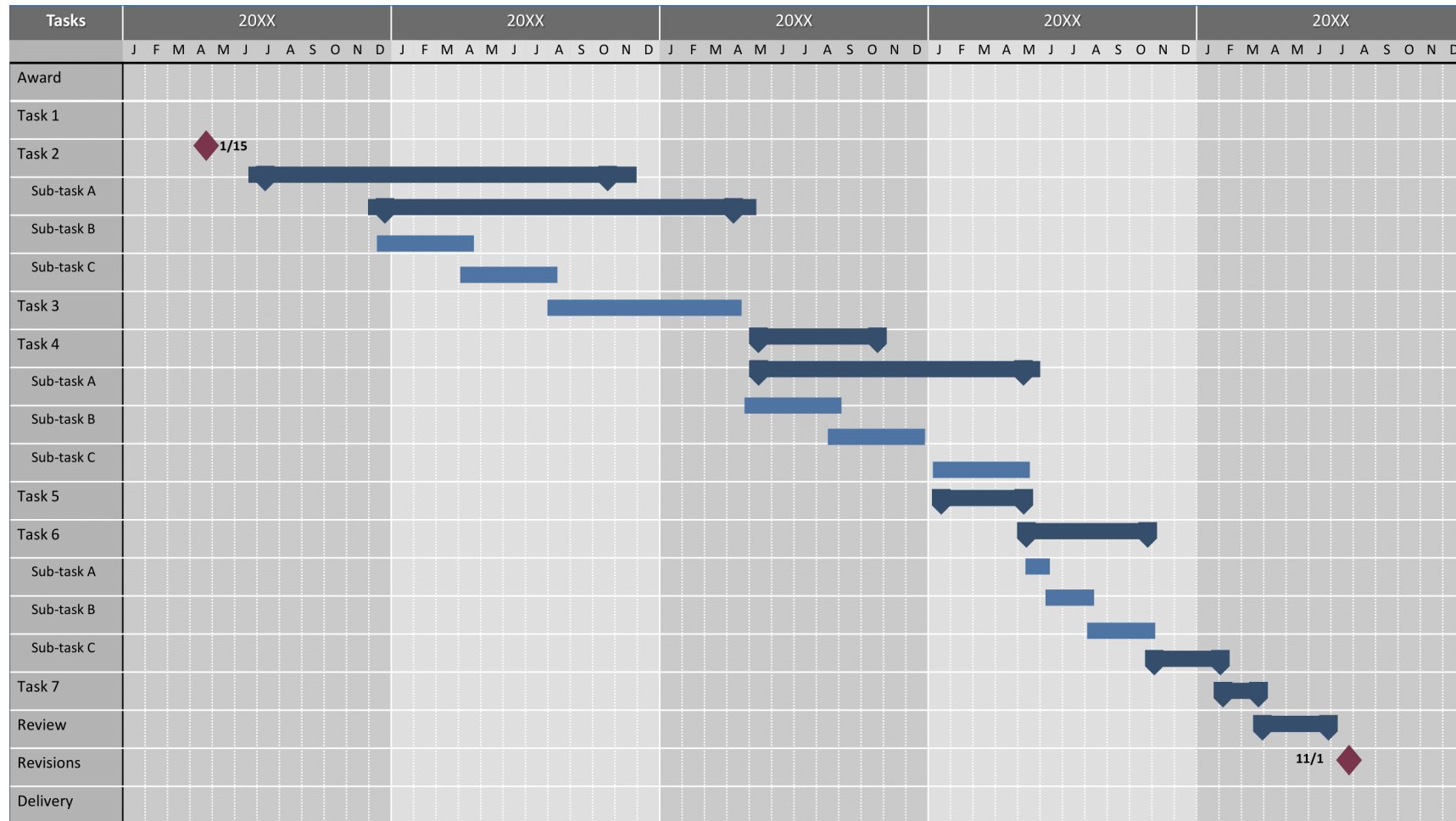
c. Risks and feasibility

d. Outcomes

    Outcome 1.1. Outcome 1.1

    Outcome 1.2. Outcome 1.2.

4 Chapter 2

5 Chapter 3

6 Timetable

Figure 2. *Timetable chart of the PhD project.*

7 Collaborations

University - Department

University address

> **Theme**
> Person 1 - <email>
> Person 2 – <email>
>
> **Theme 2**
> Person 1 - <email>
> Person 2 – <email>

8 Data management plan

References

Coon, E. T. and Shuai, P. (2022). Watershed Workflow: A toolset for parameterizing data-intensive, integrated hydrologic models. *Environmental Modelling & Software*, 157:105502.