

Lecture 11

Communicating Models

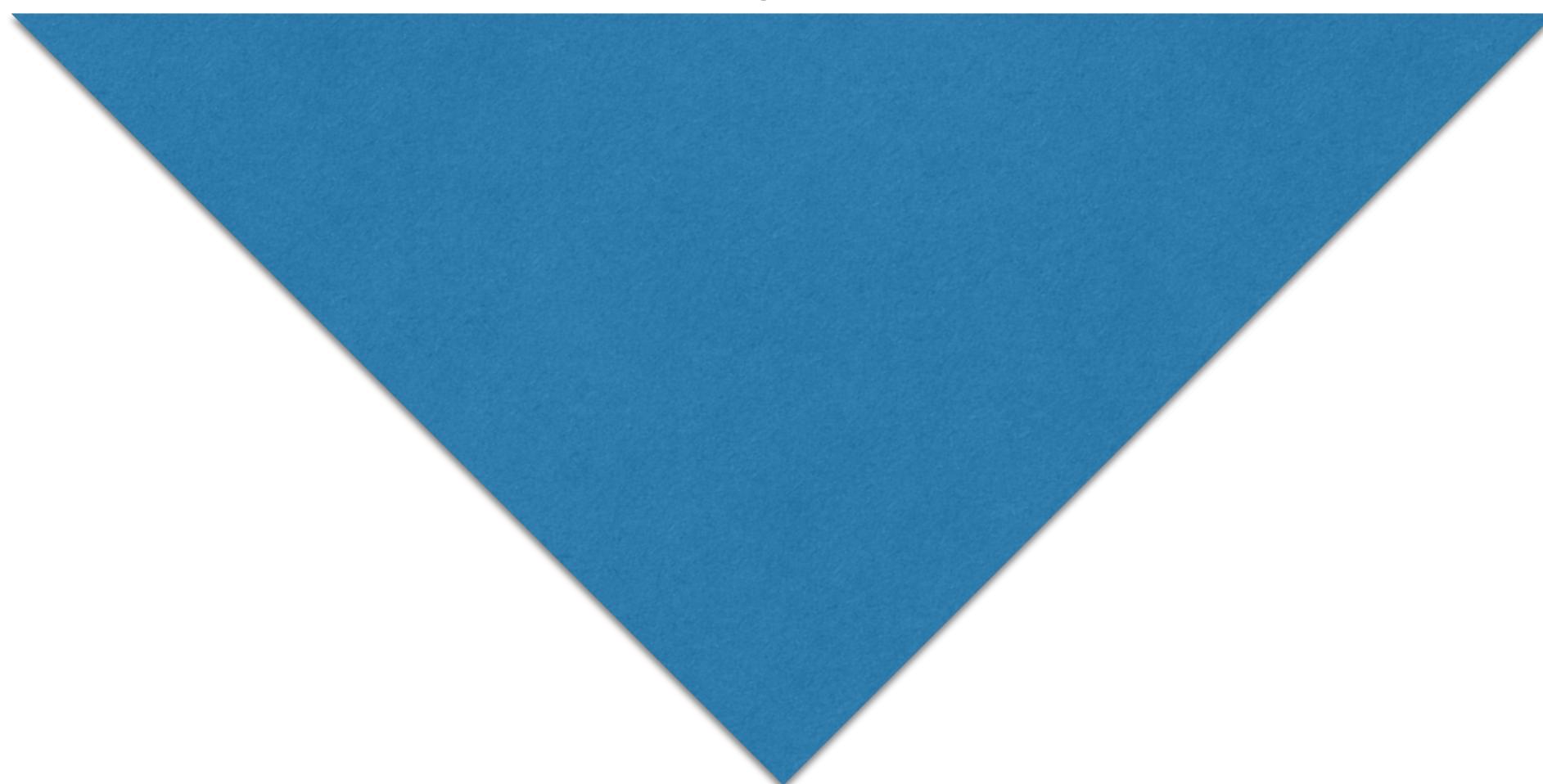
Geog 490/590
Spatial Modeling
Spring 2015

Overview, Design & Details Protocol

Why is a standardized protocol needed?

Overview, Design & Details Protocol

Purpose



Sub-models

Overview, Design & Details Protocol

Overview

1. Purpose
2. Entities, state variables and scales
3. Process overview and scheduling

Overview, Design & Details Protocol

Design

1. basic principles
2. emergence
3. adaptation
4. objectives
5. learning
6. prediction
7. sensing
8. interaction
9. stochasticity
10. collectives
11. observation

Overview, Design & Details Protocol

Details

1. initialization
2. input data
3. submodels