**SSA 200: Strategic Use of Data**

***Describing population trends for Species Status Assessments***

**AGENDA**

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| --- | --- | --- |
| **Day 1**  **Assessing current conditions: data types and analysis tools** | | |
|  | | |
|  | **Topic** | **Lead** |
| 8:00 AM | Introduction – course objectives, key concepts and terms | Conor |
|  | Descriptive data | Conor |
|  | *15 min. break* |  |
|  | Presence-type data | Anna |
|  | Activity 1 | Anna |
| 12:00 – 1:00 | *Lunch* |  |
|  | Count data | Kylee |
|  | Demographic data | Anna |
|  | *15 min. break* |  |
|  | Activity 2 | Anna |
| 4:30 PM | Discussion and wrap-up | All |

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| **Day 2**  **Predicting future conditions: stochastic projections and communicating uncertainty** | |  |
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|  | **Topic** | **Lead** |
| 8:00 AM | Stochastic projections, types of uncertainty | Conor |
|  | Occupancy projections | Conor |
|  | State transition models | Conor |
|  | *15 min. break* |  |
|  | Activity 3 | Anna |
| 12:00 – 1:00 | *Lunch* |  |
|  | Poisson projections | Conor |
|  | Matrix projections | Kylee |
|  | *15 min. break* |  |
|  | Activity 4 | Anna |
| 4:30 PM | Discussion and wrap-up | All |