**SSA 200: Strategic Use of Data**

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

October 23-24, 2018

Houston TX

**AGENDA**

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| **Tuesday, October 23**  **Assessing current conditions: data types and analysis tools** | |
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|  | **Topic** |
| 8:00 AM | Introduction – course objectives, key concepts and terms |
|  | Descriptive data |
|  | *15 min. break* |
|  | Presence-type data |
|  | Activity 1 |
| 12:00 – 1:00 | *Lunch* |
|  | Count data |
|  | Demographic data |
|  | *15 min. break* |
|  | Activity 2 |
| 5:00 PM | Discussion and wrap-up |

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| **Wednesday, October 24**  **Predicting future conditions: stochastic projections and communicating uncertainty** | |
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|  | **Topic** |
| 8:00 AM | Stochastic projections, types of uncertainty |
|  | Occupancy projections |
|  | State transition models |
|  | *15 min. break* |
|  | Activity 3 |
| 12:00 – 1:00 | *Lunch* |
|  | Poisson projections |
|  | Matrix projections |
|  | *15 min. break* |
|  | Activity 4 |
| 5:00 PM | Discussion and wrap-up |