

## WRF–Climate and Weather Extremes Tutorial Agenda - FINAL

July 25 & 26, 2019		
<b>Thursday, July 25, 2019</b>		
8:30-9:00am	Registration and Coffee	
9:00-9:30am	Welcome, Overview, Logistics, & Introductions	Erin Towler
9:30-10:00am	<i>Lecture:</i> Extremes: State of the science	Erin Towler
10:00-11:00am	<i>Lecture:</i> Dynamical downscaling: Overview and best practices	Cindy Bruyère
11:00-11:20am	<i>Coffee Break</i>	
11:20-12:00pm	<i>Lecture:</i> Data manipulation and evaluation from an extremes perspective	Abby Jaye
12:00-1:00pm	<i>Lunch</i>	
1:00-2:30pm	<i>Lab:</i> Climate model evaluation	Abby Jaye
2:30-2:45pm	<i>Break</i>	
2:45-4:00pm	<i>Lab:</i> Climate model evaluation	Abby Jaye
4:00-5:00pm	Information Exchange	

<b>Friday, July 26, 2017</b>		
8:30-9:00am	<i>Keynote:</i> Challenges and Advances in Convection-Permitting Climate Modeling	Andreas Prein
9:00-9:45am	<i>Lecture:</i> Statistical modeling frameworks for extremes	Erin Towler
9:45-10:00am	<i>Coffee Break</i>	
10-10:30am	<i>Lecture:</i> Analyzing Extreme Events	Erin Towler

10:30-12:30pm	<i>Lab</i> : Statistical downscaling & extreme value theory	Erin Towler
12:30-1:30pm	<i>Lunch</i>	
1:30-2:45pm	<i>Lecture &amp; Lab</i> : Sources and treatment of Uncertainty	James Done
2:45-3:00pm	<i>Break</i>	
3:00-3:45pm	<i>Lab</i> : Uncertainty	James Done
3:45-4:00pm	Wrap-up and Certificates	Cindy Bruyère