

January 2020
Basic WRF Tutorial
Slide Presentations



WRF Modeling System Overview

Wei Wang



WPS: Fundamental Capabilities

Michael Duda

Program Real: Description of General Functions

Dave Gill

Running the WPS

Michael Duda

WRF: Set-up & Run

Wei Wang

Nesting in WRF

Kelly Werner



Fundamentals in Atmospheric Modeling

Song-You Hong



WRF Physics

Jimmy Dudhia

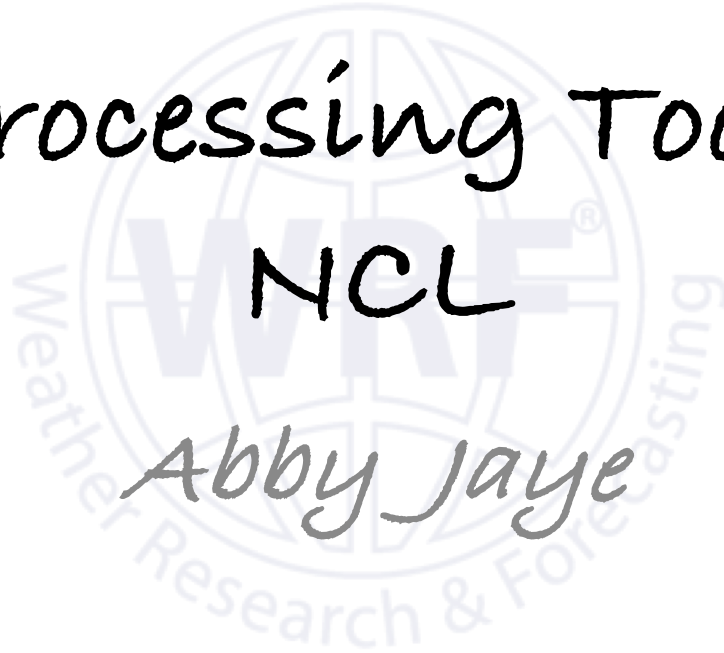
Compiling WRF & WPS

Kelly Werner

Post-processing Tools (1):

NCL

Abby Jaye



WRF-ARW Dynamics Solver

Bill Skamarock

Overview of Physical Parameterizations

Song-You Hong

Initialization for Idealized Cases

Bill Skamarock

Advanced usage of the WPS

Michael Duda

WRF Four-dimensional Data Assimilation

Jimmy Dudhia

How to Use the WRF Registry

Dave Gill

WRF: More Run-time Options

Wei Wang

Verification of WRF Simulations

Ming Chen

WRF Data, Utilities, & Post- processing

Kelly Werner

WRF: Best Practices

Ming Chen

WRF Computation

Dave Gill