UNDERSTANDING AND COMMUNICATING THE NEW SCIENCE OF ATMOSPHERIC RIVERS

SHORT COURSE ORGANIZERS

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_____________________________ Tuesday 11 June

8:30 a.m ARRIVAL AND INTRODUCTIONS. Dr. Martin Ralph CW3E, Lawrence Schick, USACE (ret)

8:45 am UNDERSTANDING ATMOSPHERIC RIVERS - Dr. Martin Ralph, CW3E

How and why did atmospheric river (AR) science evolve? What is an AR? How do they fit into mid-latitude weather? Forecasting ARs. Applications of AR science. AR climatology. Future and importance of AR science. The AR scale. Q & A

10:00 am COFFEE BREAK

10:30 am COMMUNICATING ATMOSPHERIC RIVER SCIENCE – Lawrence Schick

Communicating AR information and impacts to the public. AR uncertainties and risk. Examples of AR communication for the public. AR information & resources. ARs and landslides, floods, mountain snow/avalanches, coastal erosion, drought, water supply, etc. Q & A


12:00 pm End course