

Flight to Maps: A workshop on unmanned aircraft remote sensing

September 20, 2018 Christensen Bldg at ENREC

9:00am	Welcome and Introductions (Wayne Woldt)
9:15am	Overview of UAS – airframes and sensors (Wayne Woldt)
9:45am	Unmanned Aircraft mission planning (Jacob Smith)
10:15am	Break
10:30am	Unmanned Aircraft mission planning (Jacob Smith)
11:00am	Sensors, Data and Processing (Mitch Maguire)
11:30am	Introduction to Pix4D – (Mitch Maguire)
noon	Lunch – with Pix4D presentation via remote
1:00pm	Flight operations south of Christensen Building FireFly6 Pro – (Jacob Smith and Mitch Maguire) DJI Matrice 600 – (Jacob Smith and Mitch Maguire)
2:00pm	Return to classroom, explore field data, process data Ag and Natural Resources (Mitch Maguire)
3:00pm	UAS Rules and Regulations (Wayne Woldt)
3:45pm	Evaluation and wrap-up (Wayne Woldt)
4:00pm	End of workshop – return to Lincoln, NE

University of Nebraska-Lincoln
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