



CONTINUING PROFESSIONAL DEVELOPMENT (CPD) COURSES

Updated 7/10/2018

CPD #1-**CANCELLED**

ANATOMY OF AN OPEN SOURCE APP: LEARN TO BUILD AN APP AND RELEASE OPEN SOURCE

CPD #2-**CANCELLED**

"Weight of Evidence"-Watershed Model Calibration with Hydrologic Simulation Program-Fortran (HSPF)

CPD #3

Designing Agricultural Applications for Handheld Mobile Devices

Sunday, July 29 – 9:00am-12:00pm

Instructor: Mario R. Mondaca Duarte

Sponsored by ITSC-254

Location: 142A

LEVEL OF DIFFICULTY: Entry

TARGET AUDIENCE: Engineers and researchers interested in starting to develop App for handheld mobile devices.

LEARNING OBJECTIVES: a) Understand the basic App development process (b) Become familiar with the tools required for App development (c) Develop a simple App

COST: \$120.00

CPD #4-**CANCELLED**

GRADUATE STUDENT INVOLVEMENT

CPD #5

INTRODUCTION TO DATA SCIENCE IN AGRICULTURE WITH PYTHON

Sunday, July 29 - 2:00pm-4:00pm

Instructors: Gurdeep Singh, Sushant Mehan

Sponsored by YPC

Location: 142B

LEVEL OF DIFFICULTY: Entry

TARGET AUDIENCE: University students, researchers, and other professionals interested in using data science for generating insights.

LEARNING OBJECTIVES: (a) Understand the basics of data science and its application with python (b) Get familiar with python in context to machine learning (c) Build a simple machine learning model

BENEFITS: Implementing data science skills in engineering and research can potentially improve learning outcomes.

COST: \$45.00

CPD #6

A Crash Course for Success in Writing, Presenting, and Reviewing Peer-Reviewed Conference Abstracts, Papers and Presentations

Sunday, July 29 - 2:00pm-4:00pm

Instructor(s): Dee Jepsen, Gretchen Mosher, Sindhu Sankaran, Debabrata Sahoo

Sponsored by Meetings Council

Location: 142A

LEVEL OF DIFFICULTY: Entry

TARGET AUDIENCE: Students, young professionals, entry level researchers, and anyone looking to improve their writing, presentation, and reviewing skills for conference venues.

LEARNING OBJECTIVES: The course will be divided into three parts to help participants understand the peer-reviewed process common with most professional conferences. Learning objectives will focus on three areas: Writing successful abstracts for presentation, presenting an engaging conference presentation for a short time slot in a conference program, and tips on providing a constructive peer review for abstracts and papers.

DESCRIPTION: Presenting at professional conferences provide opportunity for professional development at all levels of a career. At early stages, conferences offer opportunity for research to be disseminated to a broad spectrum of individuals. Preparing a meaningful abstract, technical paper, and presentation requires planning and adherence to a structured protocol. There are benefits along the way to receive feedback from conference reviewers and attendees to help improve your writing and presenting styles. Later, during mid and late career seasons, persons are needed to serve on reviewer panels and mentor junior faculty and students. At this time, skills are needed to provide an effective, constructive review of colleagues' papers. Reviewers have a responsibility to their peers that will later add rigor and value to the overall success of the conference. This session will provide tips on developing successful papers and presentations for conference venues; it will also offer suggestions on reviewing conference abstracts and research manuscripts. These skills will add value to ASABE and other professional conferences.

COST: \$20.00

CPD #7- **CANCELLED**

DRAINMOD: Video Instruction Modules for the Application of DRAINMOD

CPD #8

Professional Engineering Exam Question Writing Session

Sunday, July 29 – 8:00am-5:00pm

Sponsored by EOPD-414

Location: 338

LEARNING OBJECTIVES: Licensed Professional Engineers are welcome to participate in a day-long effort to write and evaluate agricultural and biological engineering Professional Examination test questions. Persons attending must be licensed professional engineers and provide their PE number(s) to participate. Preregistration is required.

COST: n/c