

**Name of the course: IPM Journal Club****ECTS credits: 1****Course parameters:***Language:* English*Level of course:* PhD course*Semester/quarter:* autumn 2017*Total work load app. 35 hours* (including preparatory reading, lectures and discussions during the course).*Capacity limits:* 10 - 12 participants**Objectives of the course:**

The objective of the journal club is to spur interest in a range of aspects of integrated pest management (IPM). There is a large group of students working with different areas relevant for IPM within the Department of Agroecology. This journal group can draw on each other's competences and experiences with regard to experimental and statistical methods as well as help the students to maintain updated on recent achievements within IPM and put smaller research areas in a larger perspective. The journal club will focus on critical analyses of data and the development of the students own research ideas and interests. This can occasional be achieved through discussion of the students own manuscripts, which will provide the students with opportunities for supporting each other and profit on the groups competences through discussions.

The course is aimed towards PhD students and postdocs working with IPM. However, MSc students and other colleagues are also welcome.

**Learning outcomes and competences****After completing the course the students should be able to:**

- Describe and present research results of scientific papers
- Reflect on the relevance of different methods for specific research purposes
- Reflect on the possible application to their own research

**Compulsory program:**

The students should read all the presented and discussed journal papers, prepare presentations and participate actively in discussions.

**Course contents:**Out-of-class preparation

1. Search for the most recent journal papers related to the student's research area.
2. Prepare for the paper
3. Read all the papers to be presented and preparing questions to be discussed

### In-class activities

4. Paper presentation by one student per meeting
5. Formulation of critical questions for the presented paper regarding methods, analyses and conclusions drawn
6. Active discussion by all members

### **Prerequisites:**

Ph.D. students from Agroecology

### **Name of instructor:**

Mette Sønderskov, Department of Agroecology, Science and Technology, Aarhus University.

### **Type of course/teaching methods:**

Out-of-class reading, in-class presentations and discussions.

### **Literature:**

The students choose the papers most relevant for their research.

### **Course homepage:**

### **Course assessment:**

Pass or fail on the basis of active participation.

### **Provider:**

Department of Agroecology

### **Special comments on this course:**

none

### **Time:**

7 sessions of 1½ hours duration– once every 3 week (autumn 2017 will start Aug. 17<sup>th</sup> and proceed every third Thursday).

**Place:** AU-Flakkebjerg

### **Registration:**

For registration or questions: [mette.sonderskov@agro.au.dk](mailto:mette.sonderskov@agro.au.dk), Office A232

