Applied hierarchical modelling of species distribution and abundance with R package unmarked and spOccupancy

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Syllabus

Morning: 9–12h, **lunch break around** 12–13h, **afternoon:** 13–17h. --- Incl. **two breaks** of 30' each around 10.30h and 15.00h. Hence, am has 2.5h (150') and pm has 3.5h (210'), for a daily total of 360'.

Monday					
am/pm	Module	Торіс	Reading	Duration	Who
am	1	Introduction to statistical inference	ASM (2)	150	Marc
pm	2a	Static occupancy models I	AHM1 (10)	210	Ngumbang

Tuesday

am/pm	Module	Торіс	Reading	Duration	Who
am	2b	Static occupancy models II	AHM1 (10)	60	Marc
am	3	Dynamic occupancy models	AHM2 (4)	150	Marc
pm	4a	Static bin. N-mixture models I	AHM1 (6)	150	Dusit

Wednesday

am/pm	Module	Торіс	Reading	Duration	Who
am	4b	Static bin. N-mixture models II	AHM1 (6)	90	Dusit
am/pm	5	Multinomial Nmix and Royle- Nichols models	AHM2 (7, 6)	180	Marc
pm	6	Dynamic N-mixture (Dail- Madsen) models	AHM2 (2)	90	Marc

Thursday

am/pm	Module	Торіс	Reading	Duration	Who
am	7	Modeling species interactions	AHM2 (8)	150	Marc
pm	8	Distance sampling	AHM1 (8 <i>,</i> 9)	210	Marc

Friday

am/pm	Module	Торіс	Reading	Duration	Who
am	9	Spatial modeling of occupancy	AHM2 (9)	210	Marc
pm	10	Buffer time		150	Marc