

## Agenda for 2019 IBRC Workshop

### Paleotropical bat ecology and conservation: from science generation to science dissemination

Venue: Prince of Songkla University campus, Hat Yai, Thailand, August 1<sup>st</sup> to 6<sup>th</sup> 2019

# Day	Date/time	Activity	Leader
		<b>Commuting</b>	Dr Joe Chun-Chia Huang & Dr Tuanjit Sritongchuay
Day 0	2019/08/01		
	13:30	Traveling to Hat Yai (by PSU bus)	Meet @ the Slate lobby
	21:00	Check-in at PSU guest house	Dinner during traveling/on your own
		<b>Workshop Opening</b>	
Day 1	2019/08/02		
	08:00-08:30	[Breakfast]	
	08:30-09:00	Registration	
	09:00-09:15	Opening	Dr Sara Bumrungsri (Chair of Department of Biology, PSU, Thailand)
	09:15-09:30	Ice breaking & group photo	Dr Ricardo Rocha
<b>Session I</b>		<b>Bioacoustics Data Analysis</b>	Dr Joe Chun-Chia Huang (The National University of Malaysia, Malaysia) & Dr Adrià López Baucells (Natural Science Museum of Granollers, Catalonia)
	09:30-09:50	Lecture-Overview of bat bioacoustics	Dr Adrià López Baucells
	09:50-10:10	Lecture-Acoustic diversity of Paleotropical bats	Dr Joe Chun-Chia Huang
	10:10-10:30	[Coffee break]	
	10:30-11:00	Lecture- Labeling acoustic data using open tools	Dr Adrià López Baucells
	11:00-12:00	Practice-manually labeling	
	12:00-13:30	[Lunch Break]	
	13:30-14:00	Lecture- Echolocation call feature extraction	Dr Adrià López Baucells
	14:00-15:00	Practice- Echolocation call feature extraction	
	15:00-15:30	[Coffee break]	
	15:30-15:50	Lecture-How to deal with species unknown calls	Dr Adrià López Baucells
	15:50-16:00	Introduction of BIFA project and Asian Bat Call Database (ABCD)	Dr Joe Chun-Chia Huang
	16:00-16:30	Introduction of recording devices	Dr Adrià López Baucells
	16:30-	Trap/net & detector set up	
	Night	Reference call collection	Dr Adrià López Baucells
Day2	2019/08/03		
	08:00-08:30	[Breakfast]	
	08:30-08:45	Introduction of Asian Soundscape Network	Dr Joe Chun-Chia Huang
	08:45-09:15	Lecture-Soundscape analysis-I: Long term spectrum analysis (LTSA)	Dr Joe Chun-Chia Huang
	09:15-10:00	Practice- LTSA	
	10:00-10:30	[Coffee break]	
	10:30-10:30	Lecture-Soundscape analysis II: Signal separation	Dr Joe Chun-Chia Huang

		and event clustering (internet required)	
	10:30-12:00	Practice- Signal separation and event clustering	
	12:00-13:30	[Lunch Break]	
	13:30-13:50	Cloud Metadata management (internet required)	Dr Joe Chun-Chia Huang
	13:50-14:20	Practice- metadata management	
	14:20-15:00	Overall practice	
	15:00-15:20	[Coffee break]	
	15:20-16:00	Overall practice	
	16:00-16:40	Group discussion	Dr Joe Chun-Chia Huang
	Night	String trap set up	Dr Adrià López Baucells
<b>Session II</b>		<b>Ecosystem Service by Pteropodids (Pollination &amp; Seed Dispersal)</b>	Dr Tuanjit Sritongchuay (Xishuangbanna Tropical Botanical Garden, Chinese Academy of Science, China)
Day 3	2019/08/04		
	08:00-08:30	[Breakfast]	
	08:30-09:00	Lectures-Bat-plant interactions and their implications	Dr Tuanjit Sritongchuay
	09:00-10:00	Field training (pollinator exclusion and feces collection under night roosts and seed traps)	Dr Tuanjit Sritongchuay
	10:00-10:30	[Coffee break]	
	10:30-12:00	Practice- Pollen analysis	
	12:00-13:30	[Lunch Break]	
	13:30-14:00	Lectures-Ecological network Analysis	Dr Tuanjit Sritongchuay
	14:00-15:30	Practice- Network Analysis	
	15:30-16:30	Group discussion	
	Evening	Net set up	Dr Tuanjit Sritongchuay
		Pollen sample collection	Dr Tuanjit Sritongchuay
<b>Session III</b>		<b>Scientific Writing</b>	Dr Ricardo Rocha (University of Cambridge, UK), Dr Adrià López Baucells (Natural Science Museum of Granollers, Catalonia)
Day4	2019/08/05		
	08:00-08:30	[Breakfast]	
	08:30-08:50	Introduction to the Journal of Bat Research & Conservation: a special issue for IBRC and the workshop	Dr Adrià López Baucells
	08:50-10:00	Lectures-Tips to navigate the waters of scientific publishing	Dr Ricardo Rocha
	10:00-10:30	[Coffee break]	
	10:30-12:00	Lecture: Manuscript structure & figures	Dr Ricardo Rocha
	12:00-13:30	[Lunch Break]	
	Afternoon	Supervision of writing	Facilitated by mentors
	18:00	Farewell dinner	
Day 5	2019/08/06		
	08:00-08:30	[Breakfast]	
	08:30-11:00	Feedback on drafted manuscripts	Dr Ricardo Rocha
	11:00-11:45	Panel discussion: overview of the workshop	Dr Ricardo Rocha

	<b>11:45-12:00</b>	<b>Closing</b>	
	12:00	Departure	
	Afternoon	PSU museum tutorial (optional)	Dr Tuanjit Sritongchuay