



## Establishing a LTER site at Wadi Araba

### Initiative with LTER Europe

Location: Aqaba

<u>Name</u>	<u>Institute</u>	<u>Country</u>
Michael Mirtl	Europe LTER	Austria
Jon Fink	Arizona State University	US
Nancy Grimm	Arizona State University & Director of Central Arizona Phoenix LTER (CAP)	US
Scott Collins	University of New Mexico	US
Eyal Shochat	Central Arizona Phoenix LTER (CAP)	US
Osama Suliman	York University	Canada
Guido Sabatinelli	UNESCO, Amman	Italy
Lama Masalha	UNESCO, Amman	Jordan
?	Hashemite Fund for the development of Badia	Jordan
Fares Khouri	Hashemite University & JSSD	Jordan
Raoul E. Nasr	Jordan University of Science & Technology (JUST)	Jordan
Samer Talazi	JUST	Jordan
Maher Tadros,	JUST	Jordan
Khaled Nasser	Jordan Society for Sustainable Development (JSSD)	Jordan
?	Jordan Society for Sustainable Development (JSSD)	Jordan
Kholoud Baraket	Arava institute for Environmental Studies (AIES)	Jordan
Abby Lutman	Arava Institute	Israel
Benny Shalmon	Israel Nature and Parks Authority	Israel
Clive Lipchin	Arava Institute	Israel
Daniel Orenstein	Technion	Israel
Reuven Yosef	International Birding & Research Centre in Eilat (IBRCE)	Israel
Gil Ben-Natan	Dead Sea and Arava Science Center	Israel
Hanan Ginat	Dead Sea and Arava Science Center	Israel
Uri Shanas	Haifa University	Israel
Elli Groner	Arava Institute; Israel LTER	Israel

Agenda:

Monday 8 <sup>th</sup> June	7:30	Departure (by bus) to Eilat checkpoint	
	8:30	Crossing the border	
	10:00	Bus to Days-Inn hotel	
	12:00	Lunch	
		<u>INTRODUCTION OF THE ARABA AREA</u>	Chair: Nancy
	13:00	Welcome	Samer Talози and Gil Ben-Natan
	13:15	The city of Aqaba	? (ASEZA)
	13:30	What is LTER	Michael Mirtl
	14:30	The araba area: conditions, climate, soil types,	Hanan Ginat
	15:00	Water resources and scarcity in the Araba wadi and its implication	Samar Talози
	15:30	COFFEE	
		<u>ENVIRONMENTAL ISSUES OF THE DESERT</u>	Chair: Nancy
	16:00	How collaborative LTER fits into the larger context of global sustainable development	Jon Fink
	17:00	Long term monitoring of migratory birds at the Old World's densest bottleneck at Eilat 1984 – 2009	Reuven Yosef
	17:30	Sustainable Development in the Araba	Khaled Nassar
	1800	LTSER and DPSIR and how the workshop will work	Daniel Orenstein
	18:30	UNESCO's work in Jordan	Lama Masalha
	19:00	Summary	Gil Ben-Natan
	19:15	Dinner	

Tuesday 9 <sup>th</sup>		<u>ECOLOGY OF THE ARABA</u>	Chair: Michael
	9:00	ISSE in US lter	Scott Collins
	10:00	The impact of agriculture on birds	Fares Khouri
	10:30	The biodiversity project in the southern araba (MERC)	Uri Shanas
	11:00	Coffee	
	11:30	The biodiversity project in the southern arava (MERC)	Khaled Nassar
	12:00	Central Arizona, Phoenix (CAP) LTER – how it works	Nancy Grimm
	13:00	Invasion, species interactions and biodiversity loss in urban ecosystems: Case studies from CAP.	Eyal Shochat
	13:30	Lunch	
	14:30	Conservation challenges of desert ecosystems in the Araba	Benny Shalmon
	15:00	The Red-Dead Conduit scenario	Clive Lipchin
	15:30	Trip to Acacia area	Khaled Nassar & Fares Khouri
	19:00	Dinner	

Wednesday 10 <sup>th</sup>		<u>SOCIAL-ECOLOGY</u>	Chair: Jon
	9:00	Environment economics in Jordan	Raoul Nasr
	9:30	The SEV LTER Program	Scott collins
	10:00	Current threats facing the desert ecosystem in Jordan	Maher Tadros
	10:30	The principle of LTER	Moshe Shachak
	11:00	Coffee	
	11:30	Contributing to DPSIR : Work in theme groups (birds, insects, sustainable development, water, etc)	Facilitated by Daniel Orenstein
	12:30	Build up the model	Daniel and Khaled
	13:00	LUNCH	
		<u>BUILDING A CONCEPTUAL MODEL</u>	Chair: Scott
	14:00	Building up the model	Daniel and Khaled
	15:00	Work in groups on plans (Jordanians, Israelis separately)	
	16:00	Report of groups: LTSE platform or LTER sites	
	16:30	Coffee	
	17:00	Building up a programme of the stations	Gil and Samer
	19:00	Dinner	

Thursday		<u>DECISIONS</u>	Chair: Nancy
	9:00	Summary of the work plan	Jon
	9:30	<b>Discussion:</b> Building the work plan of the station	Nancy
	10:30	<b>Discussion</b> Structure of the management of the site	Michael
	12:30	Summary	
	13:00	lunch	
	13:30	End of meeting	Bus to border and airport