

Programme Overview: GBIF Data Modeling Workshop (4-8 April 2005) in Mexico City (CONABIO)

Time	Monday	Tuesday	Wednesday	Thursday	Friday
0900-0930	Introduction to GBIF and the course (Torres)	Ecological niche modeling (niche concepts) (Martinez)	Ecological niche modeling: A statistical framework (Nakamura)	ENM issues: intermodel variation (Best Subsets) (Martinez)	Project development
0930-1000	Words of welcome and introduction, presentation of instructors (Peterson)	Factors important in ecological niches (Peterson)		ENM issues: historical effects and potential vs actual distributions (Soberon or Peterson)	
1000-1030	Brief introductions of participants	Niche space and geographic distributions (Soberon)	Ecological niche modeling: Diverse solutions to a complex problem (Pearson)	ENM issues: effects of dispersal (Pearson)	Brief presentations of project results
1030-1100		Disussion and questions		Disussion and questions	
1100-1115	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
1115-1200	Biodiversity - general introduction (dimensions of biodiversity, how many species are there, general patterns of distribution of biodiversity, what are important factors) (Soberon)	Case Studies - The geographic dimension	Case Studies - Ecological niches and geographic distributions	Case Studies - Projections and predictions	Brief presentations of project results
1200-1230					
1230-1300	Lunch	Lunch	Lunch	Lunch	Lunch
1300-1330					
1330-1400					
1400-1430	(cont ...)	Biological data - sources and considerations (Papes)	Introduction to GARP: One solution to the niche-modeling challenge (Peterson)	Model validation: statistical considerations (Nakamura)	(cont ...)
1430-1500		Geographic data - sources and considerations (Ortega)		Model validation: practical considerations (Martinez)	Sum-up and remarks (instructors)
1500-1530	Discussion and questions	Discussion and questions	Discussion and questions	Discussion and questions	Discussion and questions
1530-1600	Introduction to distributed biodiversity databases (Peterson)	Exploration and data preparation - biological and geographic	Desktop GARP Interface - Introduction	Project development	Course wrap-up and evaluation
1600-1630	Exploration and hands-on with GBIF data, REMIB, etc.		Hands-on with desktopGARP		
1630-1700					

Color Codes:	
	breaks and meals
	lectures
	discussions
	case studies
	practicum