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Pan-Eurasian Experiment PEEX

SEAMLESS MULTI-SCALE & -PROCESSES MODELLING ACTIVITIES IN INAR

Fig. courtesy of Putian Zhou

PROCESSES

Meteorological & Climatological

Chemical & Aerosols

Biological

Oceans, seas, lakes, rivers

Snow, ice

Other processes …

Society interactions (economical, social, etc.)
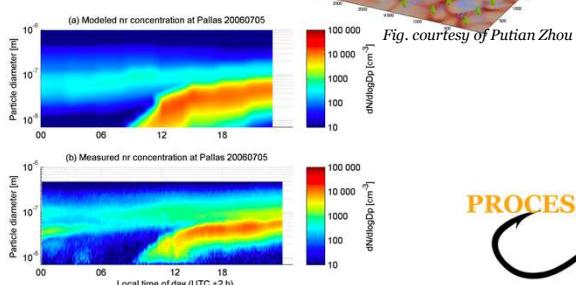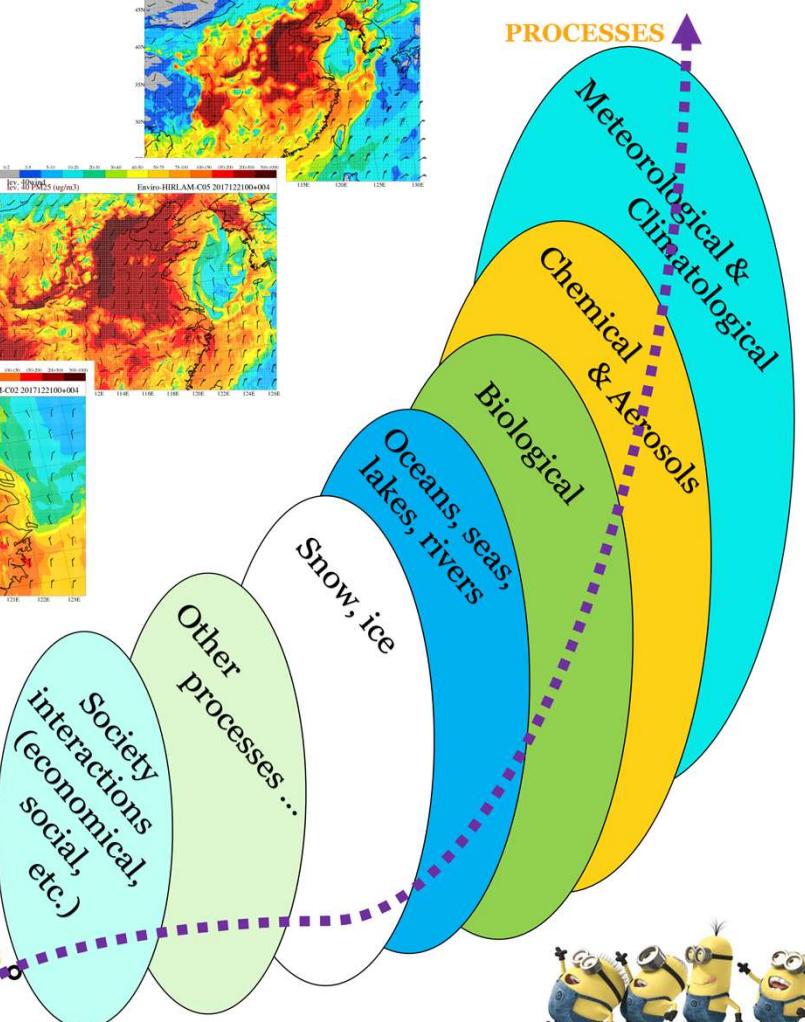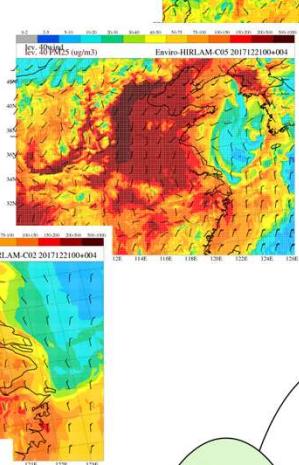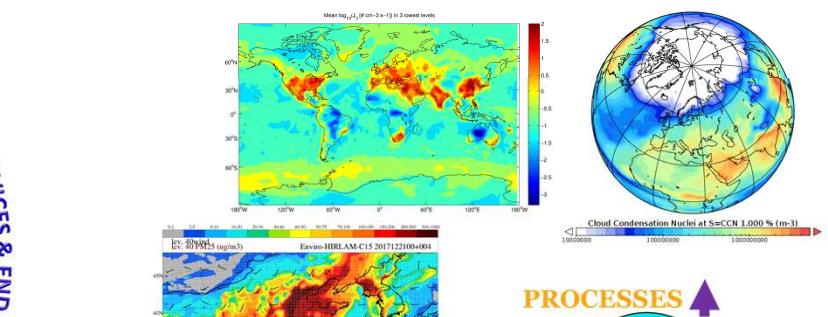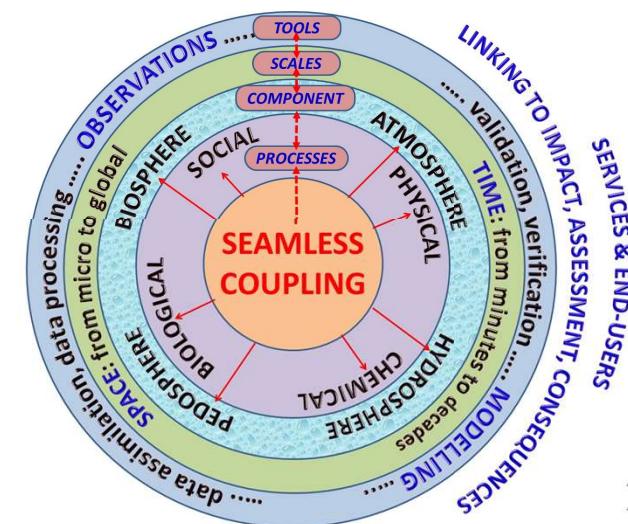
| <0.1 km	0.1-1 km	1-3 km	3-5 km	10-15 km	25-50 km	>50 km	RESOLUTIONS
Box-Model		LES		Meso-		Climate	
Local		Urban	Sub-regional	Regional	Hemispheric	Global	SCALES

Grid-cell COMPUTATIONAL TIME

RESEACRH TOOLS & PARTNERS

EC-Earth, Enviro-HIRLAM, ASAM, SOSAA, MALTE-box
Finnish Meteorological Institute (FMI)
IT Center for Science
(CSC, Finland; https://www.csc.fi)
European Center for Medium-range Weather Forecasting
(ECMWF, UK; https://www.ecmwf.int)

IT Center for Science

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