Curriculum Time Table GODAE International Summer School for Observing, Assimilating and Forecasting the Ocean, Perth 2010

Each Morning 8.30-8.45am Arrival. Daily Time Schedule	Sun 10 Jan	Mon 11 Jan	Tue 12 Jan	Wed 13 Jan	Thur 14 Jan	Fri 15 Jan	Sat 16 Jan	Sun 17 Jan	Mon 18 Jan	Tues 19 Jan	Wed 20 Jan	Thur 21 Jan	Fri 22 Jan
Morning Session 1 11th – 22nd January 9.00am – 9.45am	ARRIVAL TIME	Welcome/ Introduction: Org. Cttee	McDougall: Models -theory (I)	McDougall: Models – theory (II)	Zaron: Data assimilation – basics (II)	Barnier: Models – mesoscale vs coarse (II)	FREE DAY	**Half Day Trip/ Sightseeing**	Brasseur: Data assim.: Kalman Filter (I)	King: Maritime transport, safety, poll.	Chassignet: Isopycnic & hybrid models	Moore: Adjoint data assimilation (II)	Oke: Observing system design
Morning Session 2 *Allow 5 minute changeover* **11th – 22nd January 9.50am – 10.35am**		Opening: WA Govt.,Chief Scientist WA, UWA, IOC	Le Traon: Remote Sensing (I)	Le Traon: Remote Sensing (II)	Barnier: Models – mesoscale vs coarse (I)	Matear: BGC models			Ravichandran: in situ observing systems (I)	Brasseur: Data assim.: Kalman Filter (II)	Moore: Adjoint data assimilation (I)	Woodham: Defense application	Wake: Offshore applications
Morning Tea break 10.35am – 10.55am		**Morning Tea Break**	**Morning Tea Break**	**Morning Tea Break**	**Morning Tea Break**	**Morning Tea Break**			**Morning Tea Break**	**Morning Tea Break**	**Morning Tea Break**	**Morning Tea Break**	**Morning Tea Break**
Morning Session 3 *Allow 5 minute changeover* **11th – 22nd January 11.00am – 11.45am**		Schiller: History of OO	Dombrowsky: Overview global OO systems	Zaron: Data assimilation – basics (I)	Wilkin: coastal models (I)	Ivey: Internal waves and tropical cyclones			Hernandez: Intercomparsions	Brassington: System design for OO (I)	Ravichandran: in situ observing systems (II)	Hurlburt: isopycnic & hybrid models (II)	Zhu: Regional and coastal systems
Morning Session 4 *Allow 5 minute changeover* **11th – 22nd January 11.50am – 12.35pm**		Pattiaratchi: Sea level variability	Pattiaratchi: Tsunami Modelling	Josey: Surface fluxes (I)	Josey: Surface fluxes (II)	Wilkin: coastal models (II)			Matear: Biological applications	Alves; Seasonal-to – Decadal Prediction	Brassington: System design for OO (II)	Martin: Product evaluation and skill	Mann/Huckerby: Renewable Energy
Lunch break 12.40pm – 1.40pm (except Monday 11th & Tuesday 12th)		**Lunch Break 40 Minutes Time: 12.35pm – 1.15pm**	Huckerby:* Mar. energy res. & tech **Time: 12.40pm – 1.25pm**	**Lunch Break 1 Hour**	**Lunch Break 1 Hour**	**Lunch Break 1 Hour**			**Lunch Break 1 Hour**	**Lunch Break 1 Hour**	**Lunch Break 1 Hour**	**Lunch Break 1 Hour**	**Lunch Break 1 Hour**
Afternoon Tutorials Wednesday 13th to Friday 22nd January 1.45pm – 3.00pm		Greenslade: Surface waves **Time: 1.20pm – 2.05pm**	**Lunch Break1 Hour 1.30pm – 2.30pm**	Pugh: Tutorial on data services, extraction and analysis tools	Proctor: Tutorial on Integrated Marine Observing System	Barnier/Langlais: Exercise in ocean modelling (incl atmosph. forcing and validation with obs.)		FREE TIME	Hernandez: Exercise on forecast system output analysis	Drevillon: Tutorial and exercises on ocean data assimilation	Pattiaratchi: Tutorial on how to write a paper and to give a successful presentation	Presenta-tions and evaluation of student exercises (I)	Presenta-tions and evaluation of student exercises (II)
		Tolman: Weather-wave-ocean Coupling **Time: 2.10pm – 2.55pm**	**Afternoon Session recommences at 2.35pm – 5.00pm (no break)** Pattiaratchi/ Greenslade: Exercise on tsunamis										
Afternoon Tea break Wednesday 13th to Friday 22nd January 3.00pm – 3.20pm		**Afternoon Tea 3.00pm – 3.20pm**		**Afternoon Tea break**	**Afternoon Tea break**	**Afternoon Tea break**			**Afternoon Tea break**	**Afternoon Tea break**	**Afternoon Tea break**	**Afternoon Tea break**	DEPARTURE
Recommence Tutorials Wednesday 13th to Friday 22nd January 3.25pm – 5.00pm		Cummings: Automatic Q/C **Time: 3.25pm – 4.10pm**											
		Barras: Int. framew. mar. environ. law **4.15pm – 5.00pm**											
Dinner		**Ice breaker 5.00pm – 6.00pm**										**Conference Dinner**	
Evening 1	**Welcome Reception**												