METEOROLOGICAL TRAINING EXPERIENCES IN ARGENTINA: 10 - 23 NOVEMBER
10 to 23 nov - Experience Zonda: an example of a Conceptual Model applied   on a SIM

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Developing training resources is a challenge The Project conceptual models for the Southern Hemisphere (CM4SH) has provided a great opportunity for producing local resources which help upgrade forecasters' competencies. A Simulator offers the possibility of carrying out a real operational activity. The participants of this session are involved in **planning , implementing and evaluating a training activity on a simulator**.

AGENDA

DAYS	EXPERIENCE ZONDA on a SIM
DAY 1	Introduction: *Zonda* is a mesoscale event of orographically induced waves, strong downslope winds and turbulence which occurs on the lee side of the Andes around 25° to 35°S causing impact on flight services and human activities. Clear analyses of Zonda development will help imporve forecast. **Zonda Conceptual Model** https://sites.google.com/site/cmsforsh/CoE-Argentina Simplified conceptual models provide visualizations which can help better understand the event. . The event can be detected by the **Cloud Structure** seen on **Satelite Images.** Certain aspects of the event are shown on different images.The main features of Zonda **Key parameters** (temperature, pressure, humidity and wind) and the **vertical crossections** of parameters shown in the schematics can be identified on model outputs.R**adiosoundings** although scarce are essential **SIM** is a tool which provides an active learning environment. **Planning**: based on **Guidelines for Trainers** …. **WMO-No. 1114** **http://www.wmo.int/pages/prog/dra/etrp/training_publications.php** **Activity :** Design an activity on the SIM - (templates)
DAY 2	**Zonda Activity on SIM:** The Simulator provides the chance of representing the evolution of Zonda. Use the SIM to follow a step by step analyses of a real case based on the conceptual models.
DAY 3	**Zonda Activity on SIM***: This time you must choose the combination of fields and images that you need, to analyse this Zonda event.How would you go about it.
DAY 4	**WRAP UP . Evaluation** of the activity : test case Zonda on a SIM - Lessons learnt: Improvements needed-- collaborative work. - Moving forward - After thoughts: Which part of this session was more demanding? Which part was more interesting? What I learnt from this session …..