



La Agencia Espacial Argentina



Comisión Nacional de
Actividades Espaciales

IOCCG Training Satellite Ocean Colour Validation

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Welcome to Centro Espacial Teófilo Tabanera CETT!

Space Center of the Comisión Nacional de Actividades Espaciales (CONAE),
the Argentinian Space Agency



This Training in context



- ▶ SABIA-Mar Mission.
- ▶ IOCCG membership.
- ▶ 28-IOCCG Committee Meeting.
- ▶ Needs of the region, Argentina and South America.
- ▶ Collaborative spirit, generosity and empathy of IOCCG members.
- ▶ Big effort of CONAE and argentinian institutions.
- ▶ Main objective: Unique opportunity for in-person exchange and feedback!



A very special thank you to Raisha from IOCCG Scientific Project Office!!!

The Trainers



- ▶ Shubha Sathyendranath
- ▶ Robert Frouin
- ▶ Aurea Ciotti
- ▶ Ana Dogliotti
- ▶ Juan Ignacio Gossn (remote)
- ▶ Frédéric Mélin
- ▶ Jeremy Werdell



+ IOCCG members that are coming to share this experience with us!
Emmanuel Devred, Laura Lorenzoni, Vivian Lutz, Paula Bontempi.
And for Committee Meeting: Menghua Wang, Ewa Kwiatkowska, Hiroshi Murakami, Cara Wilson and Raisha Lovindeer.

1 Welcome and Introduction

- 1.1 Welcome, logistics, review of the training schedule (Carolina Tauro)
- 1.2 Overview of IOCCG and introduction of the trainers (Shubha Sathyendranath + Trainers)
- 1.3 Introduction of the trainees (Trainees)
- 1.4 Overview of the importance of satellite ocean color validation (Robert Frouin)
- 1.5 Connection between in-situ data and satellite algorithm development (Robert Frouin)

2 In-Situ Data Collection

- 2.1 Lab methods & IOCCG Protocols for data collection (Aurea Ciotti)
- 2.2 Field instruments and Protocols (IOPs and AOPs) (Ana Dogliotti)
- 2.3 Processing tools for AOPs - HyperCP and ThoMaS (Juan Gossn)

3 Metrology and Uncertainty

- 3.1 Metrology and application to field radiometric data (Frederic Melin)
- 3.2 Metrology: the case of EO data and their sources of uncertainties (Frederic Melin)

4 Validation Techniques

- 4.1 Exploration of advanced validation techniques (Frederic Melin) Comparison and Compatibility of data (Frederic Melin)
- 4.2 Your in-situ data and how you use it should define your interpretation of the remotely sensed products (Jeremy Werdell)

5 Description, techniques, protocols, and methodologies of key variables

- 5.1 Chla & CDOM (Aurea Ciotti)
- 5.2 PAR (Robert Frouin)

Time	Monday 22	Tuesday 23
8:45	Arriving at CETT	
9:00	Start Training	
	1.1, 1.2, 1.3	3.2, 4.1
10:30-10:45	Tea/Coffee break	
	1.4, 1.5	4.2, 4.3
12:00-13:00	Lunch Break	
	2.1, 2.2, 2.3	5.1, 5.2
10:30-10:45	Tea/Coffee break Posters on display	
	3.1 Q&A	6.1, 6.2, 6.3 Q&A + Posters
17:00	End of Training	
17:00-19:00	Ocean Breaker + Posters	

Welcome and
have a great time in Córdoba!!!



¡Muchas Gracias!

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