



University of Montenegro
Maritime Faculty
Prof. dr Danilo Nikolic

Kick-off meeting

Barcelona, 3-5 March 2014

University of Montenegro

Faculties: 20

Institutes: 3

Study programmes at undergraduate studies : 77

Students : 20.475

Employees : 1.170 (372 with academic and scientific titles, 286 associates, 106 expert staff, 406 technical collaborators and administrative staff)

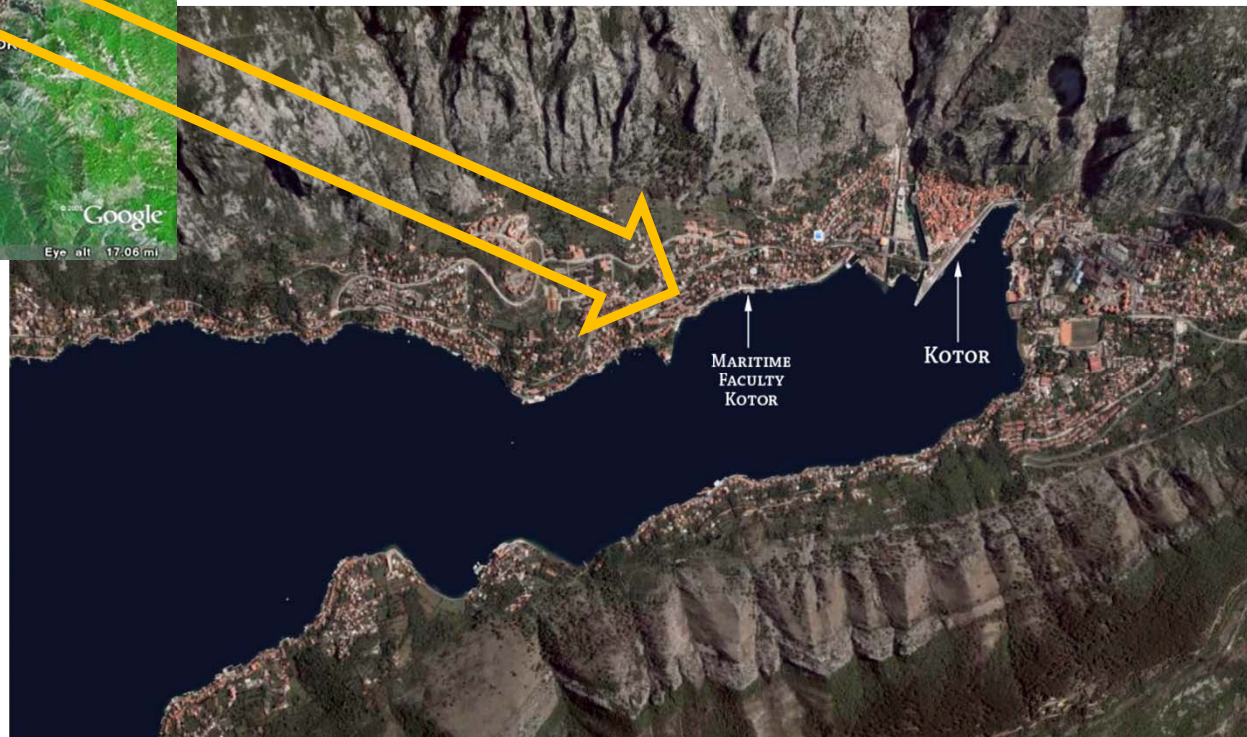
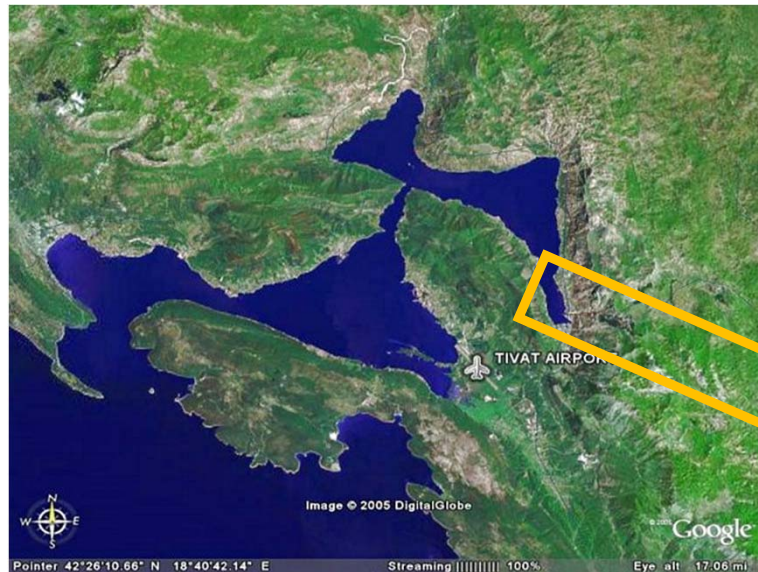
Rector: Prof. dr Predrag Miranovic

Place: Podgorica, Niksic, Kotor, Cetinje

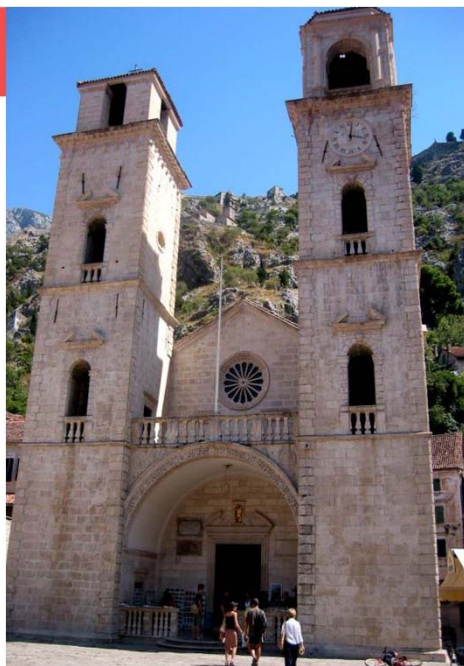
www.ucg.ac.me



Maritime Faculty - Location









Maritime faculty Kotor

- Established in 1959.



Study programmes:

● Bsc studies	(3yrs)	: 4
● MSc studies	1st level (1yr)	: 3
● MSc studies	2st level (1yr)	: 2
● PhD studies	(3yrs)	: 2

Students: total 1.100

Employees: 50 (18 with academic and scientific titles, 12 associates, 20 technical collaborators and administrative staff) + 25 from UM

Dean: Prof. dr Danilo Nikolic

BSc programmes

- Marine engineering / applied programme
- Nautical sciences /applied programme
- Marine sciences (combination of Marine engineering, Nautical sciences and Marine electrotechnics) / academic programme
- Marine management / academic
- Marine electrotechnics
(under development)



BSc programmes

Year	Navigation	Marine engineering	Marine Science	Marine management
2007/08	82	63	37	114
2008/09	120	39	20	155
2009/10	125	53	26	87
2010/11	108	66	34	47
2011/12	108	64	33	168
2012/13	126	79	56	154
2013/14	145	75	58	174

Students enrolled in the first year

Graduate studies / PhD

	Marine Science		
Year	MSc 1 st level	MSc 2 st level	PhD
2007/08	3	12	/
2008/09	8	/	/
2009/10	8	/	5
2010/11	11	15	/
2011/12	7	11	6
2012/13	7	5	3
2013/14	4	5	5

Marine Science students enrolled

Capacities

Maritime Library



- Alocated from the main building
- Building of historical importance
- More than 15.000 units



Marine Simulators & Equipment

- **Nautical simulators**, training of students under the requirements of STCW Convention,
- **ECDIS classroom**, training students according to the requirements of the STCW Convention,
- **GMDSS simulator** training for students under the requirements of the STCW Convention,
- **Lifeboat** davits with (cranes) training students under the requirements of the STCW Convention
- **Marine engine room simulators.**



Transas Nautical NTPro simulator 4000





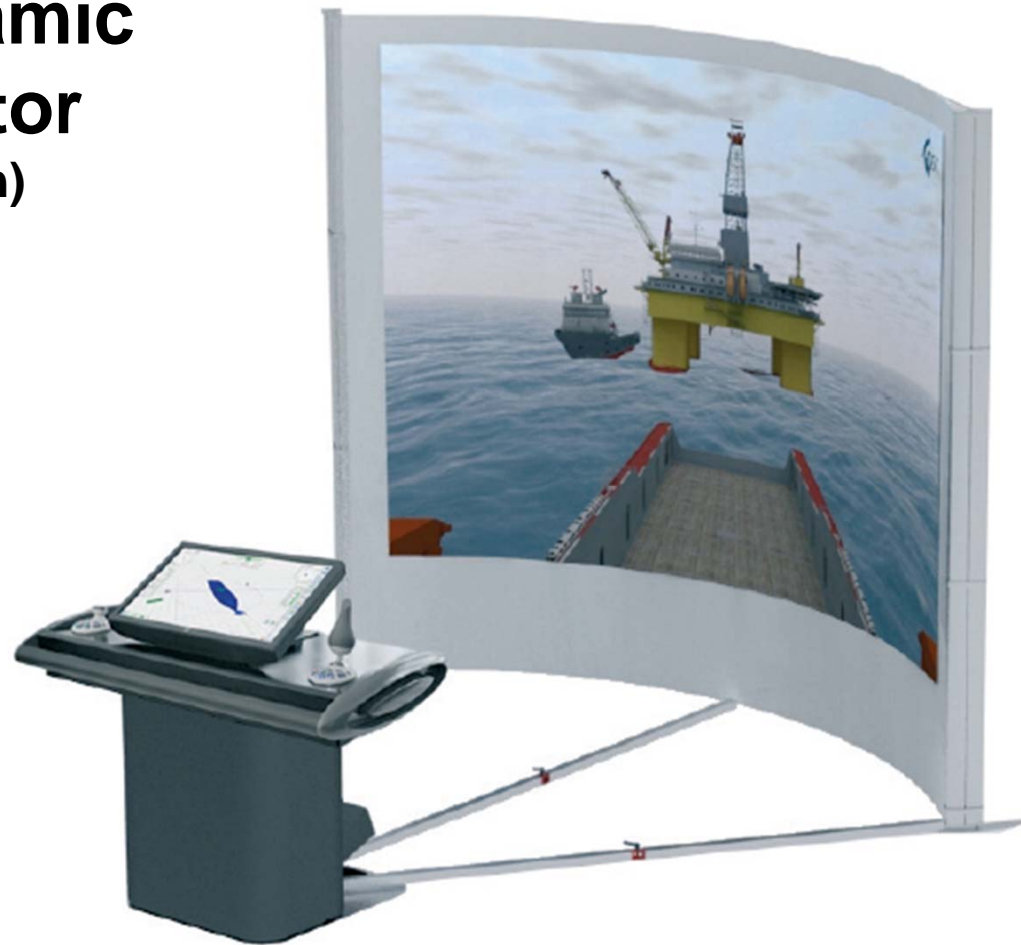
Rolls-Royce Off-shore Simulator

(to be ready in 1 month)



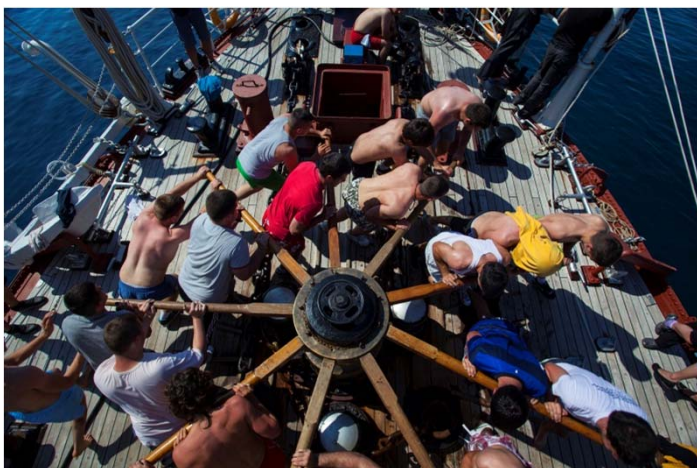
Rolls-Royce Dynamic Position Simulator

(to be ready in 1 month)



Engine room simulator Transas





Laboratories

- **Some marine simulators (real time simulation) are used for research at the same time.**
- **IC engines and fuels lab.**
- **Welding and non-destructive testing lab.**
- **Marine Electro technics lab.**
- **Ionizing radiation lab.**
- **Sailing ship Jadran**

Group/team - overview

- *Prof. dr Danilo Nikolić, mech.eng.*
- *Doc. dr Špiro Ivošević, mech.eng.*
- *Dr Tatijana Dlabáč, el.technical eng.*
- *MSc. Draško Kovač, mech.eng.*
- *Radmila Gagić, BSc marine science*

Fields of expertise

- *IC Engines,*
- *Fossil and alternative fuels (biodiesel made of waste material)*
- *Combustion and exhaust emission (testing influence of fuel quality on combustion and exhaust emission)*
 - *On going project – Production and implementation of biofuels made of waste materials and its implementation in smaller navy ships*
- *Nondestructive testing*
- *Maintenance, Reliability and Inspection of ships*
- *Safety and Security in Shipping*
- *Marine Electrical Engineering*
- *Quality Management System in Maritime sector*

Role in the project

- Participation in all project activities

