



## UNDERWATER PHOTOGRAPHY STANDARDS OF EUIFA

### Level 1: Underwater Photographer

#### **Prerequisites**

Minimum CMAS one star, SSI OWD, PADI OWD or equal certificate

*This certificate can give by EUIFA Underwater Photography Instructor*

Total hours of theoretical part: 10 Hours  
Total Practices: 5 Hours (Minimum)  
Training dives of UW Photography: 4 Dives (Minimum)

Duration of each lesson: 50 Minutes

#### **1st Day**

*Contains of Lesson 1:* What is underwater photography?  
What is EUIFA and certification system of EUIFA?  
Details and steps of the program

*Contains of Lesson 2:* Examples from underwater photographs  
Relations between underwater photographer and diving rules

*Advising to student:* *Watching and commenting underwater photographs*

#### **2<sup>nd</sup> Day**

*Contains of Lesson 3:* Camera types and systems  
Differences between each systems like analogous and digital cameras  
Technical specifications of cameras

*Contains of Lesson 4:* Shooting techniques in general  
Terms of shooting  
Golden Ratio, camera and subject angles

*Advising to student:* *Using these camera techniques at land*



## UNDERWATER PHOTOGRAPHY STANDARDS OF EUIFA

### **3<sup>rd</sup> Day**

*Contains of Lesson 5:*

Pressure differences in the water  
What is Housing?  
Housing techniques and models

*Contains of Lesson 6:*

Color and light differences in the water  
Light equipments and Lighting techniques  
Ports, lenses and color filters

*Advising to student:*

*Searching to housing and light systems by Internet*

### **4<sup>th</sup> Day**

*Contains of Lesson 7:*

Shooting subjects from marine life  
Ship wrecks, ethnographical and archaeological materials

*Contains of Lesson 8:*

Response to archaeological objects and marine life  
Travels for filming, selecting of shooting places.  
Rules of international underwater photo competitions

*Advising to student:*

*Free searching on the subjects by Internet*

### **5<sup>th</sup> Day**

*Contains of Lesson 9:*

Examples of underwater photos and discussion

*Contains of Lesson 10:*

Examination

### **Practices**

- 1) Camera controls (Batteries, cassettes, lenses, etc.)
- 2) Housing controls (Ports, O-ring, etc.)
- 3) Light controls (Batteries, O-ring, etc)
- 4) Training on buoyancy control of camera, housing and light system
- 5) Check list and rules: Before, in and after the diving for the camera equipments

### **Training Dives**

EUIFA advises minimum 4 photography dives to maximum 18 meters under normal diving conditions.



## UNDERWATER PHOTOGRAPHY STANDARDS OF EUIFA

### Level 2: Advanced Underwater Photographer

#### **Prerequisites**

Minimum CMAS two stars, SSI AOWD, PADI AOWD or equal certificate.  
Minimum 10 underwater photo dives which recorded in log book.  
EUIFA Underwater Photographer certificate.

*This certificate can give by EUIFA Advanced Underwater Photography Instructor*

Total hours of theoretical part:	10 Hours
Total Practices:	5 Hours (Minimum)
Training dives of UW Photography:	4 Dives (Minimum)
Duration of each lesson:	50 Minutes

#### **1<sup>st</sup> Day**

*Contains of Lesson 1:*

What is the certification system of EUIFA?  
Details and steps of the program  
Rules of international festivals and competitions

*Contains of Lesson 2:*

History of underwater photography  
Examples of underwater photographs and discussions  
Underwater photographer and safety rules

#### **2<sup>nd</sup> Day**

*Contains of Lesson 3:*

New camera types and systems  
Advanced technical specifications of cameras  
New housing and light models  
Using of different lenses and technical equipment

*Contains of Lesson 4:*

Shooting techniques on marine life  
Golden Ratio  
Camera, light and subject angles  
Light colors, filters, color temperature



## UNDERWATER PHOTOGRAPHY STANDARDS OF EUIFA

### **3<sup>rd</sup> Day**

*Contains of Lesson 5:*

Differences of photo camera using in different water conditions (currents, waves, tides, limited visibilities, etc.)

Shooting techniques at night dive

*Contains of Lesson 6:*

Shooting techniques on wrecks

Shooting techniques in fresh water

Examples of underwater films and discussion

### **4<sup>th</sup> Day**

*Contains of Lesson 7:*

Artistic imaging techniques

Model using

Composition techniques

Camera using for documentary

*Contains of Lesson 8:*

Scientific recording to archaeological and natural images

Responsibility to archaeological objects and marine life

Examples of underwater documentaries on archaeology

### **5<sup>th</sup> Day**

*Contains of Lesson 9:*

Presentation techniques

Basic editing and production techniques

*Contains of Lesson 10:*

Examination

### **Practices**

- 1) Editing practices by cameras or computers
- 2) Review on camera controls (Batteries, films, lenses, etc)
- 3) Review on housing controls (Ports, O-ring, etc)
- 4) Review on light controls (Batteries, O-ring, etc)
- 5) Check list and rules: Before, in and after the diving for the camera equipments

### **Training Dives**

EUIFA advises minimum 4 photography dives (two of them in special water condition) according to diving certificate level of the student.



## UNDERWATER PHOTOGRAPHY STANDARDS OF EUIFA

### Level 3: Underwater Photography Instructor:

#### **Prerequisites**

Minimum CMAS three stars, SSI MD, PADI DM or equal certificate  
Minimum 50 underwater photography dives which recorded in log book.  
EUIFA Advanced Underwater Photographer certificate.

*This certificate can give by 3 EUIFA Advanced Underwater Photography Instructor with the permission of EUIFA center. Portfolio of this Photographer has to send to EUIFA center for confirmation.*

Total hours of theoretical part: 30 Hours  
Total Practices: 10 Hours  
Training dives of UW Photography: 10 Dives (Minimum)

Duration of each lesson: 50 Minutes

#### **1<sup>st</sup> Day**

*Contains of Lesson 1:* Certification system of EUIFA  
What is new at EUIFA?  
Details and steps of the program

*Contains of Lesson 2:* International organizations on underwater imaging  
International underwater festivals and competitions

*Contains of Lesson 3:* Important Photographers of the world  
Examples of their photographs

#### **2<sup>nd</sup> Day**

*Contains of Lesson 4:* Rules of international festivals and competitions  
Details of underwater film festivals  
Dives for underwater photography competitions

*Contains of Lesson 5:* Examples of awarded underwater images and discussions

*Contains of Lesson 6:* Examples of awarded underwater images / slideshows / documentations and discussions



## UNDERWATER PHOTOGRAPHY STANDARDS OF EUIFA

### **3<sup>rd</sup> Day**

*Contains of Lesson 7:*

New camera types and systems  
Advanced technical specifications of cameras

*Contains of Lesson 8:*

New housing and light models  
Advanced technical specifications of housings and light  
Using of different lenses and technical equipment

*Contains of Lesson 9:*

Light colors, filters, color temperature, color balance

### **4<sup>th</sup> Day**

*Contains of Lesson 10:*

Review on Golden Ratio  
Decision on lenses  
Different shooting techniques

*Contains of Lesson 11:*

Creative photography  
Model using  
Composition techniques

*Contains of Lesson 12:*

Voice and sound for presentations  
Music selecting according to subject

### **5th Day**

*Contains of Lesson 13:*

Pre-production of underwater photographs

*Contains of Lesson 14:*

In production of underwater photographs

*Contains of Lesson 15:*

Post-production of underwater photographs

### **6<sup>th</sup> Day**

*Contains of Lesson 16:*

Underwater photographer and safety rules

*Contains of Lesson 17:*

Risks at different water conditions (currents, waves, tides, limited visibilities, caves, water tunnels, etc.)

*Contains of Lesson 18:*

Risks and shooting techniques in ship wrecks  
Risks and shooting techniques in rivers, under the ice,  
Fish farms and barrages lakes.



## UNDERWATER PHOTOGRAPHY STANDARDS OF EUIFA

### **7<sup>th</sup> Day**

*Contains of Lesson 19:*

Respect to marine life  
Natural subjects of shooting

*Contains of Lesson 20:*

Respect to past  
Archaeological and ethnographical objects for shooting

*Contains of Lesson 21:*

Scientific imaging techniques on archaeological and natural images

### **8<sup>th</sup> Day**

*Contains of Lesson 22:*

Editing programs

*Contains of Lesson 23:*

Methods of editing  
Audio post-production, music selecting

*Contains of Lesson 24:*

Editing process by computer

### **9<sup>th</sup> Day**

*Contains of Lesson 25:*

Teaching techniques

*Contains of Lesson 26:*

Teaching techniques

*Contains of Lesson 27:*

Using class equipments for teaching

### **10<sup>th</sup> Day**

*Contains of Lesson 28:*

Teaching demonstrations in classroom

*Contains of Lesson 29:*

Teaching demonstrations in classroom

*Contains of Lesson 30:*

Examination

### **Practices**

- 1) Teaching techniques of these practices: (2 Hours)
- 2) Camera controls (Batteries, cassettes, lenses, etc)
- 3) Housing controls (Ports, O-ring, etc)
- 4) Light controls (Batteries, O-ring, etc)
- 5) Training on buoyancy control of system
- 6) Check list and rules: Before, in and after the diving for the camera equipments
- 7) Editing studies (5 Hours)



## UNDERWATER PHOTOGRAPHY STANDARDS OF EUIFA

8) Discussion on student films (3 Hours)

### **Training Dives**

EUIFA advises minimum 10 photography dives (5 in normal conditions, 2 at night dive, and 3 in special conditions).



## UNDERWATER PHOTOGRAPHY STANDARDS OF EUIFA

### Level 4: Advanced Underwater Photography Instructor

#### **Prerequisites**

- 1) EUIFA Underwater Photography Instructor Certificate
- 2) Minimum CMAS One Star Instructor, SSI Assoc. Instructor, PADI Assoc. Instructor or equal certificate.
- 3) Recorded 100 underwater photography dives.
- 4) International satisfied from competitions and festivals which accepted by EUIFA.

*This certificate can give by center of EUIFA with the decision of EUIFA board.*

Details of this program will decide by EUIFA education committee.