



International Next Generation Biometry Workshop and Course
04-06 October 2019, İskenderun, Turkey

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04 October 2019

09:00-10:00 Registration and Poster Preparation

Inaugural Function

10:00-10:15 Opening Ceremony & Welcome & Remarks, Dr. Cemal Turan and Dr. Yakup Kutlu
Chairs of the Workshop

10:15-10:30 Prof. Dr. Türkay Dereli, Rector of İskenderun Technical University

Invited Speakers Talks

10:30-10:40 Dr. Azza el-gnainy
Lessepsian Invasion in the Egypt Coasts

10:40- 11:00 Coffee Break

Oral Presentation Session 1

Moderator Dr. Mehmet Tahir ALP

11:00-11:15 Süleyman ÖZTÜRK , Süleyman SARIGÖZ, İsmail DAL, Coşkun Menderes AYDIN
Biometric relationships between body and otolith measurements of Common
Pandora *Pagellus erythrinus* (Linnaeus, 1758) in Antalya Bay

11:15-11:30 Deniz AYAS, Mevlüt GÜRLEK, Nuray Çiftçi, Mısra BAKAN
Length-Weight Relationships of Striped Piggy (*Pomadasys stridens* Forsskal, 1775)
from Mersin Bay, Northeastern Mediterranean Sea

11:30-11:45 Nuri BAŞUSTA , Merve TAN
Otolith biometry-total length relationships of Atlantic stargazer (*Uranoscopus
scaber* Linnaeus, 1758) captured from northeastern Mediterranean

11:45-12:00 Deniz AYAS, Mevlüt GÜRLEK, Nuray Çiftçi, Servet A. Dođdu, Hasan Deniz
AKBORA, Shaiek Moez, Cemal Turan
Length-Weight Relationships of Pufferfish Species (Tetraodontidae Bonaparte,
1832) from Mersin Bay, Northeastern Mediterranean Sea

12:00-14:00 Lunch Break

Oral Presentation Session 2

Moderator Dr. Nuri BAŞUSTA

14:00-14:15 Funda Turan and Ayşegül Ergenler

Assessment of DNA Damage by Comet Assay in *Trachinotus ovatus* Cells from Mersin Bay in the Northeastern Mediterranean with new image analysis (BioMorph)

14:15-14:30 Serpil Karan, Cemal Turan , Deniz Yağlıoğlu, Petya Ivanova, Venelin Nikolov

Application of Fourier and Truss Methods for Otolith Shape structuring of Turbot *Scophthalmus maximus* populations

14:30-14:45 Ali Uyan, Cemal Turan, Mevlüt Gürlek, Deniz Yağlıoğlu

Genetic and morphological anaysis of common pandora *Pagellus erythrinus* from the eastern Mediterranean Coast of Turkey

14:45-15:00 Servet A. Dođdu, Cemal Turan, Mevlüt Gürlek, Deniz Ayaş, Deniz Ergüden

Randall's Threadfin Bream *Nemipterus randalli* from genetic, morphologic and bio-ecological perspectives in the eastern Mediterranean Coast of Turkey

15:00-15:15 Yakup Kutlu, Cemal Turan, Alen Soldo

Fourier Analysis with BioMorph for Identification of Shark Species

15:15-15:30

Coffee Break

Oral Presentation Session 3

Moderator Dr. Hatice TORCU KOÇ

15:30-15:45 Cemal Turan, Bektaş Sönmez

Sex determination of green turtle (*Chelonia mydas*) with BioMorph software

15:45-16:00 Şehriban Çek, Kamuran Umut Yaşar, Funda Turan

Evaluation of the Morphometric Methods for Counting Yellow spotted Puffer *Torquigener flavimaculosus* (Osteichthyes: Tetraodontidae)'s Eggs

16:00-16:15 Analysis of Biometric Difference using Hilbert Transform of Contour

Reza Abazari, Kenan Yildirim

16:15-17:00 General discussion of sessions and a Brief review on BioMorph

05 October 2019

Next Generation Biometry Course

Course Session 1

09:00-10:15 Introduction to the BioMorph and its tools

10:15-10:30 Morphometric Measurements and Allometry Elimination Tools

11:00- 12:30 Correlation and Regression tools

12:30-13:30

Lunch Break

Course Session 2

13:30-15:30 Fourier, Comet, F-Test Tools

15:30-16:00

Coffee Break

16:00-17:30 Age-Lenght-Weight, Graph, BioEdit Tools

17:30-18:00 Discussion and Closing Remarks

**Poster Section: all posters will be on board only for the first day
(Please deliver the posters in the registration desk)**

***Lunche for two days will be provided by Iskenderun Technical Univercity**

06 October 2019

09:30

General Discussion

***Please give your name to the Registration Desk for sightseeing tuor of Hatay province on Sunday**