

OPENING SESSION

TUESDAY 26th MARCH 8:30 AM – 12 PM
Napalai A

9:45 AM - 10:15 AM: MORNING BREAK

OPENING REMARKS



ISTS President Stephen G. Dunbar
Welcome to the 42nd Annual Sea Turtle Symposium

Plenary Presentations:

Jeffrey A. Seminoff

NOAA Southwest Marine Fisheries Science Center

Plenary Address

Reflections from a Sea Turtle Lifer

Jarina Mohd Jani

Faculty of Science and Marine Environment, University of Malaysia, Terengganu, Malaysia

Plenary Address

Sea Turtle Conservation in Southeast Asia: A Tale of Two Beaches, and Some of Those in Between



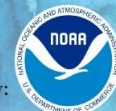
March 24 – 29, 2024

INTERNATIONAL SEA TURTLE SYMPOSIUM 2024 Pattaya, Thailand

All In – All Together
Inspiring the Next Generations of Sea Turtle Conservationists

PROGRAM

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Presented in alliance with:



1:30 PM: SESSION 1: In-water Biology (Behaviour, Ecology, Migration, Telemetry, and Foraging) #1

Chairs: Summer L. Martin, Matthew David Ramirez, Gabriela Manuela Velez-Rubio, Michael G. White

Room A, 26th MARCH 2024

*Denotes Archie Carr best student paper award candidate; ^ Denotes Grassroots paper award candidate; Presenting author in **BOLD**

- 1:30** VOLUNTARY FEEDING OF GRAVID GREEN TURTLES DURING THE REPRODUCTIVE PERIOD: IMPLICATIONS FOR BREEDING STRATEGY OF MARINE REPTILIAN HERBIVORES
Junichi Okuyama | Narumi Kishida | Hideaki Nishizawa | Yuka Obe | Takuro Mogi | Takuya Koizumi | Takuji Noda | Tohya Yasuda | Yuuki Kawabata | Takashi Yokota | Kotaro Ichikawa | Yasushi Mitsunaga | Nobuaki Arai
- 1:43** IDENTIFYING THE FORAGING GROUNDS OF NEW LOGGERHEAD TURTLE NESTERS IN THE WESTERN MEDITERRANEAN
Luis Cardona | Sara Abalo-Morla | Alessandra Cani | Blanca Feliu-Tena | Nuria Izaguirre | Jesús Tomás | Eduardo Jorge Belda
- 1:56** FORAGING BEHAVIOR OF LEATHERBACK SEA TURTLES (DERMOCHELYS CORIACEA) OFF MASSACHUSETTS, USA: INSIGHTS FROM ACCELERATION DATA LOGGERS
Kara L. Dodge | Connor F. White | Scott Landry | Bob Lynch | Nicholas M. Whitney
- 2:09** A FINE-SCALE HABITAT-BASED DENSITY MODEL FOR LEATHERBACK TURTLES FORAGING IN NEARSHORE WATERS OFF CENTRAL CALIFORNIA, USA.
Scott R. Benson | Karin A. Forney
- 2:21** FORAGING GREEN TURTLES (CHELONIA MYDAS) IN SOUTHERN CALIFORNIA: NUTRIENT FLOW AND HABITAT STRUCTURE CHARACTERIZED BY ESSENTIAL AMINO ACID $\delta^{13}C$ FINGERPRINTING
Garrett E Lemons | Alexi C Besser | Seth D Newsome | Jeffrey A Seminoff
- 2:34** A DEEPER DIVE INTO THE LIFE HISTORY AND HABITAT USE PATTERNS OF GREEN SEA TURTLES IN SOUTHERN CALIFORNIA, USA
Cali N. Turner Tomaszewicz | Erin L. LaCasella | Garrett Lemons | Robin A. LeRoux | Andrew Maurer | Kimberly LeRoy | Jeffrey A. Seminoff
- 2:47** DETECTING RESIDENCY AND HABITAT FIDELITY OF GREEN TURTLES IN TAIWAN
Chia-Ling Fong | Huai Su | Daphne Z. Hoh | Chia-Chen Tsai | Shih Liu | Kelly W. H. Tseng | Felipe M. G. Mattos | Melissa Liu | Ju-Hsiung Wu | Aziz J. Mulla | Nozawa Yoko | Benny K. K. Chan

1:30 PM: SESSION 2:

Anatomy, Physiology and Health #1

Chairs: Sarah Milton, David William Owens, Justin Randall Perrault, Roldan Valverde, Jeanette Wyneken

Room B, 26th MARCH 2024

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- 1:30** *HORMONE LEVELS ASSESSMENT FOR SEX CLASSIFICATION AND SEXUAL MATURITY IN GREEN TURTLE (CHELONIA MYDAS) FROM THE COAST OF QUINTANA ROO, MÉXICO
Alma Guadalupe Vázquez Gómez | Victor Manuel Gómez Muñoz | Horacio Merchant Larios | María del Carmen Rodríguez Vallarte | Javier Flavio Viguera Gómez | Vanessa Labrada Martagón
- 1:43** *THE ANTI-MÜLLERIAN HORMONE (AMH) AS A SEX IDENTIFICATION BIOMARKER: REVISITED
Gabriella Carvajal | Jeanette Wyneken | Itzel Sifuentes-Romero
- 1:56** *COMPARING HEAVY METAL CONCENTRATIONS OF LOGGERHEAD TURTLES AND THEIR PREY ALONG THE US EAST COAST
YiWynn Chan | Samir H. Patel | Nathan J. Robinson | Karen Dourdeville | Robert Prescott | Frank V. Paladino
- 2:09** *DISENTANGLING THE IMPACTS OF CONTAMINANTS ON GREEN SEA TURTLE PHYSIOLOGY
Caitlin Elizabeth Smith | Jason van de Merwe | Kimberly Finlayson | Arthur Barraza | Erina Young | Ben Gilby | Kathy Townsend
- 2:21** *BIOMARKERS OF FORAGING AND REPRODUCTION IN NESTING FEMALE HAWKSBILL SEA TURTLES (ERETMOCHELYS IMBRICATA) IN BOCAS DEL TORO, PANAMA
Joslyn Blessing Kent | Roldán A Valverde | Raul García Varela
- 2:34** *BIOMARKERS OF REPRODUCTIVE OUTPUT IN FREE-RANGING HAWKSBILL SEA TURTLES (ERETMOCHELYS IMBRICATA) IN PANAMA
Kari Renee Dawson
- 2:47** *PROVISIONING OF VITELLOGENIC FOLLICLES CONTINUES AFTER GREEN TURTLES ARRIVE AT THE NESTING BEACH IN TORTUGUERO, COSTA RICA.
Renato Saragoça Bruno | Alan B. Bolten | Karen A. Bjorndal

1:30 PM: SESSION 3:

Conservation, Management and Policy #1

Chairs: Heidrun Frisch-Nwakanma, Stacy Hargrove, Michael Joseph Liles, Mario Jorge Mota, Aliko Panagopoulou

Room C, 26th MARCH 2024

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- 1:30** *TOWARDS EFFECTIVE RESTORATION OF MARINE TURTLES IN JORDAN'S AQABA COAST LINE
Abeer Hisham Bilbeisi
- 1:43** *CARBON FINANCING CONTRIBUTING TO SEA TURTLE CONSERVATION IN SRI LANKA
Thushan Kapurasinghe | **Mithma De Silva** | Manuri Pankaja Kapurasinghe | Saman Rathnakumara | Kavindu Maduhansa
- 1:56** *OVERCOMING BARRIERS TO KNOWLEDGE: A MULTI-LINGUAL SYSTEMATIC REVIEW OF MOVEMENT AND MIGRATORY CONNECTIVITY OF GREEN SEA TURTLES AROUND SOUTHEAST ASIA
Harris Wei Khang Heng | Kristine Camille V. Buenafe | The Cuong Chu | Rose Ellis | Chia-Ling Fong | Daphne Z. Ho | Sekar M.C. Herandarudewi | Connie Ka-Yan Ng | Janmanee Panyawai | Nguyen Trong Duc | Daniel C. Dunn
- 2:09** *A FIRST GLOBAL NETWORK MODEL TO DESCRIBE KNOWN GREEN SEA TURTLE MIGRATORY CONNECTIVITY
Jaime Restrepo | Dina Nisthar | Wei-Khang Heng | Lily K. Bentley | Anthony J. Richardson | Daniel C. Dunn
- 2:21** *MARINE TURTLE MANAGEMENT AREAS: A FINE-RESOLUTION SPATIAL SOLUTION BENEATH SOUTHEAST ASIAN REGIONAL MANAGEMENT UNITS
Rushan Bin Abdul Rahman | Mark Hamann | Juanita Joseph | Putu Liza Mustika | Nicolas Pilcher | Windia Adnyana | Jaya Ratha | Thuy Nguyen Thi Dieu
- 2:34** *UNDER THREAT: PREVIOUSLY UNDOCUMENTED HAWKSBILL (ERETMOCHELYS IMBRICATA) NESTING ON THE WEST END OF ST. CROIX, U.S.V.I.
Natalie K. Monnier | Sabrina C. Sorace | Donna Boles | Joshua Calcano | Makayla Kelso | Claudia D. Lombard | Lawrence Wood | Sean Kelly | Paul Jobsis | Kelly R. Stewart
- 2:47** MINIMUM COST ESTIMATE TO PROTECT 80% – 100% OF WESTERN PACIFIC LEATHERBACK NESTS AT THE JEEN WOMOM COASTAL PARK IN THE BIRD'S HEAD REGION OF PAPUA, INDONESIA
Fitryanti Pakiding | Deasy Lontoh | Meity Mongdong | Manjula Tiwari

3:30 PM: SESSION 4: In-water Biology (Behaviour, Ecology, Migration, Telemetry, and Foraging) #2

Chairs: Summer L. Martin, Matthew David Ramirez, Gabriela Manuela Velez-Rubio, Michael G. White

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- 3:30 INTER-NESTING AREA USE, MIGRATORY ROUTES, AND FORAGING GROUNDS FOR HAWKSBILL TURTLE
Chelsea E. Clyde-Brockway | Daniel R. Evans | Lindsey Eggers | Quintin D. Bergman | Luis G. Fonseca | Frank V. Paladino | Stephen G. Dunbar
- 3:43 USING SATELLITE TELEMETRY TO IDENTIFY MIGRATION ROUTES AND FORAGING GROUNDS OF OLIVE RIDLEY SEA TURTLES (LEPIDOCHELYS OLIVCEA) FROM THE WEST PHILIPPINES SEA, PHILIPPINES
Ale Ponzo | Andrew Troy Glinsky | Sarah Marie Barredo | Ariana Agustines | Titus Canete | Jessica Labaja | Ronnie del Rosario | Alexander R. Gaos | T. Todd Jones | Rene Manibale | Curt Ivan Mariano | Summer L. Martin | Sally Snow | John Wang
- 3:56 DISPERSAL CORRIDORS OF NEONATE SEA TURTLES FROM DOMINANT ROOKERIES IN THE WESTERN INDIAN OCEAN
Diane Le Gouvello | Sonia Heye | Linda Harris | Julien Temple-Boyer | Philippe Gaspar | Michael Hart-Davis | Cristina Louro | Ronel Nel
- 4:09 TESTING THE THERMAL CORRIDOR HYPOTHESIS: DOES EL NINO WARMING OF THE NE PACIFIC ALLOW JAPANESE LOGGERHEADS TO GO TO MEXICO?
Larry B Crowder | Dana K. Briscoe | George H. Balazs | Jeffery J. Polovina | Jeffrey A. Seminoff | Alberto Abreu-Grobois | Masanori Kurita | Masanori Mori | Denise M. Parker | Marc R. Rice | Tomomi Saito | Bianca S. Santos | Calandra N. Turner-Tomaszewicz | Noah Yamaguchi
- 4:22 TRACKING POST-RELEASE MOVEMENT PATTERNS OF NEW YORK'S REHABILITATED SEA TURTLES PROVIDES INSIGHTS INTO THEIR UTILIZATION OF NEW YORK WATERS
Maxine A. Montello | Wendy J. McFarlane | Joseph D. Warren

3:30 PM: SESSION 5: Anatomy, Physiology and Health #2

Chairs: Sarah Milton, David William Owens, Justin Randall Perrault, Roldan Valverde, Jeanette Wyneken

Room B, 26th MARCH 2024

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- 3:30 *ASSESSING GENOTOXICITY IN GREEN TURTLE CELLS USING FLUORESCENT MICROSCOPY AND AUTOMATED IMAGE ANALYSIS
Matt Johnson | Kimberly Finlayson | Todd Shelper | Jason van de Merwe | Frederic Leusch
- 3:43 *EXPOSURE TO HYPOXIA FINE-TUNES MITOCHONDRIAL FUNCTION IN PRIMARY DERMAL FIBROBLASTS DERIVED FROM LOGGERHEAD SEA TURTLES
B. Gabriela Arango | David C. Ensminger | Celine Godard-Codding | José Pablo Vázquez-Medina
- 3:56 *FIRST HEALTH ASSESSMENTS OF JUVENILE HAWKSBILL SEA TURTLES (ERETMOCHELYS IMBRICATA) IN THE MALDIVES: CLINICAL BLOOD ANALYTES, PHYSICAL EXAMINATIONS, ULTRASONIC STUDIES AND GUT MICROBIOME CHARACTERIZATION
Isha Afeef | Enas Mohamed Riyaz | Ibrahim Inaan | Ahmed Leevan | Afrah Abdul Sathar | Ali Shareef | Aishath Shaiha | Stephanie Köhnik | Mariana Frago | Tristan Neto | Claire Petros | Martin Steffox | Maximilian M.R. Polyak
- 4:09 IMPACTS OF RISING INCUBATION TEMPERATURES ON LEATHERBACK NEONATES AS MEASURED BY KEY BLOOD VALUES AND SKIN MICROBIOTA DATA.
Kuschke, Samantha G | Wyneken, Jeanette | Coleman, Anna Beth | Miller, Debra L
- 4:22 ASSESSING DIFFERENCES IN CHEMICAL RISK IN FORAGING GREEN SEA TURTLES (CHELONIA MYDAS) USING ANALYTICAL AND IN VITRO TECHNIQUES
Kimberly Finlayson | Nicole Rowberry | Dylan White-Kiely | Jason van de Merwe

3:30 PM: SESSION 6: Population Biology and Monitoring #1

Chairs: Kirah Ishelle Forman-Castillo, Tomoko Hamabata, Hielim Kim, Robin LeRoux, Erin McMichael, Claudio Quesada-Rodríguez, Ryan Welsh

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- 3:30 *ENVIRONMENTAL INDICATORS PREDICTING LOGGERHEAD SEA TURTLE OCCURRENCE IN SOUTHERN CALIFORNIA DURING EL NIÑO CONDITIONS
Aileen Lavelle
- 3:43 *A NEW FRAMEWORK FOR SURVIVAL ESTIMATION OF SEA TURTLES
Naoto Inoue | Takashi Ishihara
- 3:56 *POPULATION GENETICS OF FORAGING GREEN (CHELONIA MYDAS) AND FORAGING AND NESTING HAWKSBILL TURTLES (ERETMOCHELYS IMBRICATA) IN GRENADA, WEST INDIES.
Naomi Westlake | Kate Charles | Brian Shamblyn | Jonnel Edwards | Kenrith Carter | Martin Attrill | David Marancik | Clare Embling
- 4:09 *UNCREWED AERIAL SYSTEMS AS TOOLS FOR GREEN TURTLE POPULATION ASSESSMENT IN COASTAL MARINE PROTECTED AREAS IN URUGUAY
Natalia S. Teryda | Gabriela M. Velez-Rubio | Laura Prosdocimi | Brian Jeffery | Raymond R. Carthy
- 4:22 *PREVALENCE OF MALE-PRODUCING NESTING SITES FOR ENDANGERED SEA TURTLES IN THE ASIA-PACIFIC REGION AND GLOBALLY
Melissa Staines | Hayley Versace | Jacques-Olivier Laloë | Christine Madden Hof | Caitlin Smith | Elouise Haskin | Anissa Lawrence | Ian Tibbetts | David Booth | Nicholas Pilcher | Graeme Hays

Meet the Authors Poster Session Napalai D&E – 4:30-5:30

8:30 AM: SESSION 7: Education, Outreach, and Advocacy #1

Chairs: Seh Ling Long, Sabrina Caitlin Mashburn, Kathy Zagzebski

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- 8:30 MONITORING GREEN SEA TURTLES IN THE SAN GABRIEL RIVER OF SOUTHERN CALIFORNIA, USA
Lynn Marie Massey | Shannon Penna | Eric Zahn | Dan Lawson | Cassandra Davis
- 8:43 COMMUNITY MONITORING, CONSERVATION AND SECURING THE FUTURE OF FLATBACK TURTLES (NATATOR DEPRESSUS) IN PORT HEDLAND, WESTERN AUSTRALIA.
Kelly Ann Howlett
- 8:56 COMMUNITY-BASED SEA TURTLE MONITORING IN PANTAI SAUSAPOR NATURE RESERVE AND ITS SURROUNDING: AN APPROACH TO STREAMLINE SEA TURTLE CONSERVATION MANAGEMENT
Muhammad Wahyu Hasibuan | Hormes Ulimpa | Yusdi Lamatenggo | Mohammad Fajrin Ramadhon | **Ratna Ningsih Kuswara**
- 9:09 SEA TURTLE AMBASSADORS FOR THE GULF: PLACE-BASED LEARNING THROUGH FIELD EXPERIENCES FOR TEACHERS AND STUDENTS
Yasmeen Fadlallah
- 9:22 "WARRIORS OF THE RAINBOW" EDUCATING FUTURE LEADERS AND DECISION MAKERS
Damaris Marin-Smith | Rozino Gene Smith
- 9:35 CITIZEN SCIENCE PARTICIPATION IN MONITORING THE SEA TURTLE POPULATION OF FITZROY ISLAND, CAIRNS, AUSTRALIA THROUGH PHOTO-ID RECAPTURE TECHNIQUES
Helen Kate Young | Amir Patel | Cassie Smith
- 9:48 TOO MUCH SCIENCE AND LITTLE COMMUNICATION: THE ART OF SHARING INFORMATION THROUGH ILLUSTRATION AND STORYTELLING TO RAISE AWARENESS
Georgina Zamora Quilez

8:30 AM: SESSION 8: In-water Biology (Behaviour, Ecology, Migration, Telemetry, and Foraging) #3

Chairs: Summer L. Martin, Matthew David Ramirez, Gabriela Manuela Velez-Rubio, Michael G. White

Room B, 27th MARCH 2024

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- 8:30 *DECODING THE INTERESTING MOVEMENTS OF MARINE TURTLES USING A FINE-SCALE BEHAVIORAL STATE APPROACH
Armando J B Santos | Joshua Cullen | Daniel H G Vieira | Eduardo H S M Lima | Victoria Quennessen | Claudio Bellini | Erik A P Santos | Renata Ramos | Mariana M P B Fuentes
- 8:43 INSIGHTS INTO MOVEMENT OF GREEN TURTLES AT NINGALOO FROM SATELLITE TAGGING
Mat Vanderklift | Richard Pillans | Nick Mortimer | Wayne Rochester
- 8:56 *INTER- AND POST-NESTING MOVEMENT PATTERNS OF LEATHERBACK SEA TURTLES (DERMOCHELYS CORIAECA) NESTING IN SOUTHEASTERN FLORIDA, USA
Derek M. Aoki | Justin R. Perrault | Annie Page | Kelly R. Stewart | Scott Benson | Christopher R. Sasso | William R. Bishop | George L. Shillinger
- 9:09 *THE JOURNEY OF LOGGERHEAD TURTLES FROM THE NORTHWEST ATLANTIC TO THE MEDITERRANEAN SEA ACCORDING TO THE STABLE ISOTOPE RATIOS OF C, N AND O OF THEIR BONES
Alessandra Cani | Cristina Besén Muelas | Carlos Carreras | Marta Pascual | Luis Cardona
- 9:22 *NUMERICAL MODELS UNVEIL THE "LOST YEARS" OF LOGGERHEAD SEA TURTLES.
Tony Candela | Patrick Lehodey | Florence Dell'Amico | Frederic Vandepierre | Philippe Gaspar | George L. Shillinger
- 9:35 *DECODING THE MYSTERIOUS DISTRIBUTION PATTERNS OF JUVENILE GREEN TURTLES DURING THEIR "LOST YEARS" THROUGH THE APPLICATION OF SPECIES DISTRIBUTION MODELING.
Matthew Larsen | Kate Mansfield | Katrina Phillips
- 9:48 *MIGRATORY BEHAVIOR AND FORAGING ECOLOGY OF HAWAIIAN HAWKSBILL TURTLES
Alison J. Meeth | Alexander R. Gaos | Summer L. Martin | Shaya Honarvar

8:30 AM: SESSION 9: Anatomy, Physiology and Health #3

Chairs: Sarah Milton, David William Owens, Justin Randall Perrault, Roldan Valverde, Jeanette Wyneken

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- 8:30 *MATERNAL TRANSFER OF MICROPLASTICS IN LOGGERHEAD SEA TURTLE (CARETTA CARETTA): EFFECTS ON THE EMBRYO HEALTH CONDITIONS
Erica Trotta | Giulia Chemello | Valentina Notarstefano | Luana Papetti | Ludovica Di Renzo | Marco Matiddi | Cecilia Silvestri | Giorgia Gioacchini
- 8:43 *INVESTIGATING THE DISTRIBUTION, BIOACCUMULATION AND SYSTEMIC TRANSLOCATION OF MICROPLASTICS IN TISSUES AND ORGANS OF THE MEDITERRANEAN LOGGERHEAD SEA TURTLE (CARETTA CARETTA)
Leah Costello | Jose Luis Crespo-Picazo | Cyrill Bussy | Ian Kane | Holly Shiels
- 8:56 *HEAVY METAL ACCUMULATION IN CAPTIVE-REARED SEA TURTLES AT A GULF OF THAILAND SANCTUARY
Sean T. Richards | William Hayes | Thanaphan Chomcheun | Stephen G. Dunbar
- 9:09 *METABOLIC HEATING IN GREEN TURTLE HATCHLINGS DURING NEST ESCAPING ACTIVITY
Tuan Emilia Noor | Mohd Uzair Rusli
- 9:22 *PREVALENCE, DISTRIBUTION AND ETIOLOGY OF FIBROPAPILLOMATOSIS IN IMMATURE GREEN TURTLES (CHELONIA MYDAS) OF THE WEST INDIES
Pierre Lelong | Damien Chevallier
- 9:35 GREEN TURTLES (CHELONIA MYDAS) FROM MEXICAN CARIBBEAN PRESENT OXIDATIVE STRESS RESPONSES TO ENVIRONMENTAL VARIABILITY.
Vanessa Labrada Martagón | Nadia L. Islas Madrid | Bárbara Cúmez Caté | Fernando A. Muñoz Tenería | Montserrat Solé | Tania Zenteno Savín

10:30 AM: SESSION 10: Education, Outreach, and Advocacy #2 / Social, Economic, and Cultural Studies #1

#1

Chairs: Seh Ling Long, Sabrina Caitlin Mashburn, Kathy Zagzebski/
Thushan Jayalath Kapurusinghe, Deasy Natalia Lontoh, Jarina Mohd Jani, Isabel Marques Silva

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- 10:30 CITIZEN SCIENTIST COME OUT OF THEIR SHELLS
Daniela Alarcon | Sterlina Smith | I-Sah Hsieh | Jason Colon | Jonny McElhinney
McElhinney | Jen Mahone | Steve Mellgren | Kelly Weaver | Juan Pablo Munoz Perez
- 10:43 VIVEMAR A SELF-SUFFICIENT COMMUNITY PROJECT WITH MORE THAN FOURTEEN YEARS PROTECTING SEA TURTLES ON OAXACA, MEXICO.
Leyva Venzor | Verónica Cinthia
- 10:56 DIGITAL MARINE GUARDIANS: BRIDGING RESEARCH AND OUTREACH THROUGH 3D SURFACE SCANNING AND MOBILE COMMUNICATION TOOLS
Tabris Yik To Chung | Brian Chin Wing Kot | Henry Chun Lok Tsui
- 11:09 HISTORICAL ECOLOGY APPLIED TO SEA TURTLES
Willemien de Kock
- 11:22 TURTLE FRIENDLY VILLAGE: AN APPROACH TO A SUSTAINABLE COMMUNITY-BASED STRATEGY FOR THE CONSERVATION OF HAWKSBILL TURTLE IN MELAKA, MALAYSIA
Azzakirat Raman | Lau Min Min
- 11:35 CORPORATE PARTNERSHIPS: GREENWASHING OR VALUABLE SUPPORT FOR SEA TURTLE ORGANIZATIONS?
Janin Bartoschek | Kate Yeoman | Jatmiko Wiwoho
- 11:48 ROLE OF COMMUNITY PARTICIPATION IN THE PREVENTION OF SEA TURTLE ILLEGAL ACTIVITY IN BOCAS DEL TORO, PANAMA.
Raul Garcia | Roldan Valverde

10:30 AM: SESSION 11: In-water Biology (Behaviour, Ecology, Migration, Telemetry, and Foraging) #4

Chairs: Summer L. Martin, Matthew David Ramirez, Gabriela Manuela Velez-Rubio, Michael G. White

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- 10:30 *HABITAT MODEL OF JUVENILE LOGGERHEAD SEA TURTLES (CARETTA CARETTA) IN THE NORTH ATLANTIC
Martina Bartolini | Elliott L. Hazen | Karen A. Bjorndal | Thomas Dellinger | Rune Dietz | Chris Sasso | Nuria Varo-Cruz | Juan A. Bermejo | Daniel Cejudo | Luis Felipe López-Jurado | Frederic Vandepere
- 10:43 *HABITAT USE OF PACIFIC JUVENILE GREEN TURTLES ALONG THE COAST OF NORTH COSTA RICA
Fanqi Wu | Veronica Valverde-Cantillo | Chelsea E. Clyde-Brockway | Mario Espinoza | Maik Heidemeyer | Christopher G. Lowe | James R. Spotila | Frank V. Paladino
- 10:56 *SPATIAL ECOLOGY OF THE EASTERN PACIFIC GREEN TURTLE (CHELONIA MYDAS): INSIGHTS FROM SATELLITE TRACKING AND STABLE ISOTOPE ANALYSIS
Alejandra Guadalupe Sandoval-Lugo | Jeffrey A. Seminoff | Catherine E. Hart | César Paul Ley- Quiñónez | Carlos Delgado-Trejo | A. Alonso Aguirre | Norma Patricia Sevilla-Muñoz | Alan Alfredo Zavala-Norzagaray
- 11:09 *PHOTO-IDENTIFICATION AND LASER PHOTOGRAMMETRY OF GREEN (CHELONIA MYDAS) AND HAWKSBILL TURTLES (ERETMOCHELYS IMBRICATA) FORAGING IN SEMOPORNA, SABAH
Jeethendra Kirishnamoorthi | Gonzalo Araujo | Hideaki Nishizawa | Juanita Joseph
- 11:22 *IN-WATER RELATIVE ABUNDANCE AND DISTRIBUTION OF SEA TURTLES ALONG THE EAST COAST OF SOUTH AFRICA
Natalie A. dos Santos | Ronel Nel | Diane Z. M. Le Gouvello | Grant Smith | Santosh Bachoo
- 11:35 *MAPPING POTENTIAL FORAGING AREAS FOR LOGGERHEAD TURTLES IN THE MEDITERRANEAN SEA: THE ROLE OF CLIMATE CHANGE AND BIOTIC FACTORS
Chiara Mancino | Sandra Hochscheid | Luigi Maiorano
- 11:48 *ASSESSING THE CURRENT STATE OF SEAGRASS MEADOWS AND THEIR INTERACTIONS WITH GREEN TURTLES IN ST. JOHN, USVI
Kianna Pattengale | Alexandra Gulick | Karen Bjorndal | Paul Jobsis

10:30 AM: SESSION 12: Fisheries and Threats #1

Chairs: Tina Fahy, Irene Kelly, Liyana Izwin Khalid, Tony (Michel Anthony) Nalovic, Nicolas Pilcher, Juan Manuel Rguez-Baron

Room C, 27th MARCH 2024

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- 10:30 *MICROPLASTIC INGESTION BY SEA TURTLES AROUND TOKYO BAY: LEVEL OF WATER POLLUTION INFLUENCES INGESTION AMOUNTS
Riko Kimura | Emi Inoguchi | Chiyo Kitayama | Ryosuke Fujinuma
- 10:41 *PLASTIC INGESTION IN MARINE TURTLES: INSIGHTS FROM DIFFERENT STUDY APPROACHES
Daniel Gonzalez-Paredes | Gabriela Maria Vélez-Rubio | Helene Marsh | Mark Hamann
- 10:56 *DO LOGGERHEAD SEA TURTLE (CARETTA CARETTA) GUT CONTENTS REFLECT THE TYPES, COLORS AND SOURCES OF PLASTIC POLLUTION IN THE SOUTHWEST INDIAN OCEAN?
Margot Thibault | Ludovic Hoarau | Laurent Lebreton | Matthieu Lecorre | Mathieu Baret | Emmanuel Cordier | Stéphane Ciccione | Sarah-Jeanne Royer | Alexandra ter Halle | Aina Ramanampomony | Claire Jean | Mayeul Dalleau
- 11:09 *PLASTIC POLLUTION AND HEALTH METRICS IN GREEN SEA TURTLES (CHELONIA MYDAS) IN ECUADOR: A COMPARISON OF PARKS AND THE MAINLAND.
Juan Pablo Muñoz-Pérez | Gregory A. Lewbart | Helen Chadwick | Tania Toapanta | Elvis D. Okoffo | Patricia Secoura | Daniela Alarcón-Ruales | Jen Jones | Ceri Lewis | Tamara Galloway | Leo Zurita-Arthos | Fernando Cisneros | Andres Moreira-Mendieta
- 11:22 *UBIQUITOUS PRESENCE OF PLASTIC ADDITIVES AND PERSISTENT ORGANIC POLLUTANTS IN SEA TURTLES FROM KOREAN COASTAL WATERS
Ye Ilim Moon | Won Joon Shim | Gi Myung Han | Sung Yong Ha | Mi Jang | Il-Hun Kim | Sang Hee Hong
- 11:35 *ESTIMATING ANNUAL LEATHERCATCH BYCATCH IN THE PACIFIC OCEAN BY FISHERY AND COUNTRY TO INFORM TARGETED CONSERVATION STRATEGIES
Anna Antonia Ortega | Nicola Mitchell | George Shillinger
- 11:48 *CHARACTERIZING FISHERIES BYCATCH OF MARINE TURTLES IN THE PACIFIC WATERS OF PANAMA AND COLOMBIA THROUGH RAPID ASSESSMENT SURVEYS
Juan M. Rguez-Baron | Fiorella Vilela | Marino Abrego | Alexander Tobón | Dania Bermúdez | Ana K. Gómez | Yesenia Suarez | Amanda S. Williard

1:30 PM: SESSION 13: Population Biology and Monitoring #2

Chairs: Kirah Ishelle Forman-Castillo, Tomoko Hamabata, Hielim KIM, Robin LeRoux, Erin McMichael, Claudio Quesada-Rodríguez, Ryan Welsh

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- 1:30 GOING BEYOND THE REFERENCE GENOME IN LOGGERHEAD TURTLE CONSERVATION GENOMICS
Astrid Luna-Ortiz | Alessia Cherin | Alberto Abreu-Grobois | David J. Duffy | Abdulmaula Hamza | Elizabeth Labastida-Estrada | César P. Ley-Quiñónez | Raúl Llera-Herrera | Salima Machkour M'Rabet | Adolfo Marco | Dimitris Margaritoulis | Oguz Turkozan | Alan Zavala-Norzagaray | Cinta Pegueroles | Marta Pascual | Carlos Carreras
- 1:43 GENOME DRIVERS OF ADAPTATION IN THE MEDITERRANEAN LOGGERHEAD TURTLE (CARETTA CARETTA) NESTING POPULATIONS.
Anna Barbanti | Dimitris Margaritoulis | Alan F. Rees | Oguz Turkozan | Celal Ulger | Mona Khalil | Robin Snape | Broderick Annette C | Andreas Demetropoulos | A. Abdulmaula Hamza | Yaniv Levy | Marta Pascual | Carlos Carreras | Cinta Pegueroles
- 1:56 OVERVIEW OF THE POPULATION GENETICS AND CONNECTIVITY OF SEA TURTLES IN THE EAST ASIA REGION AND THEIR CONSERVATION IMPLICATIONS
Connie Ka Yan Ng | Takashi Ishihara | Tomoko Hamabata | Hideaki Nishizawa | Min Liu | Jia Hao Song | Tsung Hsien Li | Chia Ling Fong | Dae Yeon Moon | Il Hun Kim
- 2:09 GENETIC DIVERSITY AND PHYLOGEOGRAPHIC PATTERNS OF MTDNA HAPLOTYPES OF HAWKSBILL TURTLE (ERETMOCHELYS IMBRICATA) IN THAILAND
Worata Khinsawat | Sanit Piyapattanakorn | Preechayada Thaengthong | Thanida Haetrakul | Nitiwadee Keschumra | Sirawich Srisiri | Thanaphan Chomcheun | Oranee Jongkolpath | Nantarika Chansue | Stephen G. Dunbar
- 2:22 GENOME-WIDE SNPS REFINE POPULATION CONNECTIVITY AND SHOW PROMISE FOR FINE-SCALE GENETIC STOCK IDENTIFICATION IN GULF OF MEXICO LOGGERHEAD TURTLES
Ian Silver-Gorges | Lisa M. Komoroske | Jamie Adkins Stoll | John D. Swenson | David
- 2:35 SMALL ONTOGENETIC CHANGES IN SEX RATIOS AT THE LARGEST LOGGERHEAD TURTLE ROOKERY IN THE NORTH PACIFIC
Hideo Hatase | Shun Watanabe | Toru Kobayashi
- 2:48 NON-LETHAL SEX DETERMINATION IN TURTLES USING DNA METHYLATION.
Eugenie C. Yen | James D. Gilbert | Alice Balard | Inês O. Afonso | Kirsten Fairweather | Artur Lopes | Sandra M. Correia | Albert Taxonera | Christophe Eizaguirre

1:30 PM: SESSION 14: In-water Biology (Behaviour, Ecology, Migration, Telemetry, and Foraging) #5

Chairs: Summer L. Martin, Matthew David Ramirez, Gabriela Manuela Velez-Rubio, Michael G. White

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- 1:30 *DOES SEAGRASS GRAZED BY GREEN TURTLES RETAIN HABITAT VALUE FOR FISH?
Nerine Constant | Alan B. Bolten | Karen A. Bjorndal
- 1:43 *WHY DO WE NEED NEW PERSPECTIVES LIKE DNA METABARCODING FOR DIET ANALYSIS IN SEA TURTLES?
Sophia A Coveney | Graeme C Hays | Sofia Consuegra del Olmo | Tamsyn M Uren Webster | Nicole Esteban
- 1:56 *ACTIVE SELECTION OF NATIVE SEAGRASS IN HALOPHILA STIPULACEA-DOMINATED MEADOWS AMONG JUVENILE GREEN SEA TURTLES (CHELONIA MYDAS) IDENTIFIED USING FINE-SCALE ACOUSTIC TELEMETRY IN U.S.V.I.
Taylor Brunson | Paul Jobsis | Kayla Blincow | Andrew McGregor
- 2:09 *THE UNDERLYING FACTORS DRIVING VARIATION IN SOCIAL INTERACTIONS BETWEEN JUVENILE GREEN TURTLES (CHELONIA MYDAS) IN BREWERS BAY, ST. THOMAS, USVI
Corinne Eva Johnson | Jordan Matley | Nathan J. Robinson | Andrew Maurer | Paul Jobsis
- 2:22 *SHORT-TERM EFFECTS OF BIOLOGGER ATTACHMENT ON THE BEHAVIOUR OF JUVENILE GREEN TURTLES ASSESSED USING ANIMAL-BORNE CAMERAS AND UAVS
Ruth Doñate-Ordóñez | Sophie Mills | Damianos Chatzievangelou | Jack Cuffley | Candace Fields | Sebastian Hoefler | Alex Smith | Theodora Pinou | Nathan Jack Robinson
- 2:35 OVERVIEW AND OUTCOMES OF THE SEA TURTLE FOR OCEAN RESEARCH AND MONITORING (STORM) PROGRAM IN THE SWIO
Olivier Bousquet | Stéphane Ciccione | Katia Ballorain | Anne Barat | Antoine Laforge
- 2:48 RECALCULATING: DO INHERITED NAVIGATIONAL INSTRUCTIONS IN LOGGERHEAD SEA TURTLES ACCOUNT FOR CHANGING GEOMAGNETIC CUES?
Jadyn M. Sethna | Dana S. Lim | Isabelle N. Sechrest | Catherine M.F. Lohmann | Kenneth J. Lohmann

1:30 PM: SESSION 15: Fisheries and Threats #2

Chairs: Brad Nahill, Aliki Panagopoulou, Matthew Godfrey, Shaleyla Kelez

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- 1:30 *BY-CATCH OF SEA TURTLES IN THE RAY NETS FISHERY IN THE GULF OF GABES, TUNISIA
Maïssa Louhichi | Imed Jribi | Alexandre Girard
- 1:43 *BEHAVIORAL MEASUREMENTS OF SEA TURTLES INTERACTING WITH LIGHTED GILLNETS
Janie L Reavis | Blair E Witherington | Michael J Bresette | John Wang | Dale DeNardo | Jesse F Senko
- 1:56 *ILLUMINATED POUND NETS REDUCE SEA TURTLE BYCATCH
Kayla M. Burgher | Wendy Piniak | Larisa Avens | John Wang | James Collins | Jesse Senko
- 2:09 *INCORPORATING FISHER METRICS IN ASSESSMENTS OF SEA TURTLE AND OTHER MARINE MEGAFUNA BYCATCH REDUCTION TECHNOLOGIES
Cindy Vargas | John H. Wang | James P. Collins | Jesse Senko
- 2:22 *UNGLANTING THE UNKNOWN: MARINE TURTLE BYCATCH WITHIN A DATA POOR MEDITERRANEAN SMALL-SCALE FISHERY
Josie L. Palmer | Hasan D. Akbora | Damla Beton | Burak Ali Çiçek | Brendan J. Godley | Kristian Metcalfe | Meryem Ozkan | Robin T. E. Snape | Annette C. Broderick
- 2:35 *REDUCING TURTLE BYCATCH IN THE ADRIATIC SEA: TESTING THE EFFICIENCY OF FLEXIBLE TURTLE EXCLUDER DEVICES (TEDS) FOR MULTISPECIES TRAWLERS.
Giulia Baldi | Alice Scuratti | Valeria Angelini | Giulia Cerritelli | Gaia Dell'Uomo | Kamyla Lombardi Moraes | Francesco Manzi | Martina Monticelli | Sauro Pari | Pasquale Salvemini | Paolo Casale
- 2:48 *WHICH TURTLE, AND WHERE? COMMUNITY SURVEY AND SATELLITE TELEMETRY IN SUMATRA, INDONESIA, TO SUPPORT PROTECTION AT SEA
Adela Hemelkova | Teuku Reza Ferasly | Awaluddin Awaluddin | Nur Fadli | Pavel Zoubek | Tomas Ouhel | Petr Sramek

3:30 PM: SESSION 16: Conservation, Management and Policy #2

Chairs: Heidrun Frisch-Nwakanma, Stacy Hargrove, Michael Joseph Liles, Mario Jorge Mota, Aliko Panagopoulou

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- 3:30 A ROAD MAP FOR THE MARINE TURTLE CONSERVATION ACT
Ann Marie Lauritsen
- 3:43 GLOBAL TRENDS IN SEA TURTLE RESEARCH AND CONSERVATION: USING SYMPOSIUM ABSTRACTS TO ASSESS PAST BIASES AND FUTURE OPPORTUNITIES
Nathan Jack Robinson | Jacopo Aguzzi | Sofia Arias | Christopher Gatto | Sophie Mills | Andrea Monte | Laura St. Andrews | Adam Yaney-Keller | Pilar Santidrian Tomillo
- 3:56 THE MTSG BURNING ISSUES INITIATIVE: THE LONG AND WINDING ROAD TO A SHARED UNDERSTANDING OF GLOBAL SEA TURTLE CONSERVATION PRIORITIES BY AND FOR THE PEOPLE WHO CARE ABOUT THEM
Marine Turtle Specialist Group Burning Issues Working Group
- 4:09 MARINE TURTLES AT THE SAUDI ARABIAN VISION 2030 PROGRAMME: CONSERVATION HOTSPOTS, DISTRIBUTION, MIGRATORY PATHWAYS IN THE RED SEA
Hector Barrios-Garrido | Abdulrazaq Alatawi | Ali Algohane | Ali Mumtaz | Judy Salamah | Noura Islam | Takahiro Shimada | Abdulaziz Al-Suwailem | Natalie Wildermann | Ivor Williams | Omar Al Attas | Carlos Duarte | Ricardo Ramalho
- 4:22 TWO DECADES OF DEDICATED CONSERVATION: AN OVERVIEW OF TREE FOUNDATION'S IMPACT ON SEA TURTLE CONSERVATION ALONG THE EAST COAST OF INDIA^{*}
Supraja Dharini

10:00 AM: SESSION 19: Fisheries and Threats #3

Chairs: Tina Fahy, Irene Kelly, Liyana Izwin Khalid, Tony (Michel Anthony) Nalovic, Nicolas Pilcher, Juan Manuel Gueuz-Baron

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- 10:00 SEA TURTLES OF THE SAUDI ARABIAN RED SEA: CURRENT RESEARCH AND THREATS
Lyndsey K. Tanabe
- 10:13 MARINE TURTLE BYCATCH IN SIX FISHING BASES IN INDONESIA: STATUS AND RELEASE-HANDLING APPROACH
Ranny R Yuneni | Chaerul Hadi | Hendro Susanto | Imam M Zainuddin
- 10:26 COMPARING PACIFIC LOGGERHEAD DISTRIBUTION MODELS DERIVED FROM SATELLITE TELEMETRY AND FISHERIES OBSERVER RECORDS
Chris Long | Alexander Gaos | John Wang | Summer Martin | Robert Ahrens | Zachary Siders
- 10:39 ASSESSING MARINE TURTLE BYCATCH IN SMALL-SCALE MUNICIPAL FISHERIES IN NORTHERN PALAWAN, PHILIPPINES
Jessica Labaja | Larvin Arcena | Jemar Atay | Raymart Cacacha | Christian Gabo | Krizia Meryl Ecube | David Garcia | Jonard Juab | Azell Montederamos | Michael Osmond | Alyza Pabillore | Marynoll Susmeña | John Wang | Tara Sayuri Whitty | Alessandro Ponso
- 10:52 SPATIOTEMPORAL OVERLAP BETWEEN AIS-TRACKED LONGLINERS AND LOGGERHEAD TURTLE FORAGING HABITAT IN THE OPEN WATERS OF THE WESTERN INDIAN OCEAN
Jonathan R. Monsinjon | Sylvain Bonhommeau | Antoine Laforge | Philippe Gaspar | Anne Barat | Olivier Bousquet | Stéphane Ciccione | Claire Jean | Mathieu Barret | Katia Ballorain | Mayeul Dalleau | Philippe S. Sabarros | Pascal Bach | Jérôme Bourjea
- 11:05 DIRECTING CONSERVATION ATTENTION INTO THE WATER: IDENTIFYING MARINE TURTLE BYCATCH HOTSPOTS IN IRAN
Mohsen Rezaie-Atagholipour | Haleh Ali Abedi | Majid Askari-Hesni | Amirmozafar Hosseini | Roghayeh Rafiee | Ali Reza Rastgoo | Hanieh Rostamabadi | Najmeh Sabbah | Nicolas J. Pilcher
- 11:18 DEVELOPING BEST HANDLING AND RELEASE PRACTICES FOR FISHERS WITH FISHERS: THE IMPORTANCE OF DETAIL
Maria Luz Parga | Sandra Andraka
- 11:31 IMPACTS OF X-PRESS PEARL SHIP DISASTER ON SEA TURTLES AND THEIR HABITATS IN SRI LANKA
Thushan Kapurusinghe | Himali Purnima Kahawita | Kavindu Maduhansa Kapurusinghe | Uthpala Wickramasinghe | Elizebeth Jayangani Theswa | Manuri Pankaja Kapurusinghe
- 11:44 SEA TURTLES IN THE NORTH PACIFIC GARBAGE PATCH: OBSERVATIONS DURING THE OCEAN CLEANUP OPERATIONS
Maira Carneiro Proietti | Marjolein van Vulpen | Débora Fanzeres | Ahmad Damaj | Peter Pusick | Matthias Egger

3:30 PM: SESSION 17: Population Biology and Monitoring #3

Chairs: Kirah Ishelle Forman-Castillo, Tomoko Hamabata, Hielim KIM, Robin LeRoux, Erin McMichael, Claudio Quesada-Rodríguez, Ryan Welsh

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- 3:30 *INSIGHTS INTO FORAGING AGGREGATIONS AND NESTING OF MARINE TURTLES IN TUN MUSTAPHA PARK, SABAH, MALAYSIA
Gavin Jolis | Juanita Joseph | Hideaki Nishizawa | Irwan Isnain | Hussien Muin | Sofia Johari | Ejria Saleh
- 3:43 *COMBINING UAV AND MULTI-SENSORS DATALOGGERS TO ESTIMATE SPATIO-TEMPORAL TRENDS IN FINE SCALE DENSITY
Chiara Agabiti | Livia Tolve | Giulia Baldi | Marina Zucchini | Salvatore Tuccio | Federica Restelli | Daniela Freggi | Paolo Luschi | Paolo Casale
- 3:56 *BREEDING SEX RATIOS OF LEATHERBACKS (DERMOCHELYS CORIACEA) IN THE SOUTH WEST INDIAN OCEAN
Lauren Rachel Wienand | Ronel Nel | Lorenz Hauser
- 4:09 *RECONSTRUCTING DEMOGRAPHIC HISTORY BETWEEN TWO CONTRASTING LEATHERBACK POPULATIONS USING GENOMICS
Christopher R Nolte | Ronel Nel | Lorenz Hauser | Justin R Perrault | Hannah B Vander Zanden
- 4:22 LONG TERM MONITORING OF MALE SEA TURTLES IN SOUTHEAST FLORIDA, USA
Jeffrey Guertin | Dean Bagley | Michael Bresette | Annessia Michaels | Cody Mott

Meet the Authors Poster Session Napalai D&E – 4:30-5:30

10:00 AM: SESSION 20: Nesting Biology #2

Chairs: Ray Carthy, Lalith Ekanayake, Jeanne A. Mortimer, Ana Rita Patrício

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- 10:00 *DETECTION THRESHOLDS FOR VISUAL LIGHT IN ERETMOCHELYS IMBRICATA HATCHLINGS
Robert Thomas Gammariello | Camar Green | Stephen Dunbar
- 10:13 *ENSO DYNAMICS AND THE RESILIENCE OF CHELONIA MYDAS AT CHAGAR HUTANG TURTLE SANCTUARY, MALAYSIA
Nurfatini Nadhira Sani | Mohd Uzair Rusli
- 10:26 *SEX RATIO ESTIMATION OF GREEN TURTLES AT CHAGAR HUTANG, AN IMPORTANT SANCTUARY SITE IN PENINSULA MALAYSIA
Sharifah Nur Azah Anim Syed Noor Azalan | Nicholas Tolen | Mohd Uzair Rusli
- 10:39 *A NOVEL APPROACH TO ASSESSING FERTILITY RATES OF LEATHERBACK SEA TURTLE (DERMOCHELYS CORIACEA) EGGS
Emily Turla | Gabriella A. Carvajal | Samantha G. Kuschke | Jeanette Wyneken
- 10:52 *MONITORIZATION AND CHARACTERIZATION BY PHOTO-TRAPPING OF THE ACTIVATION TIME OF CARETTA CARETTA HATCHLINGS IN A HATCHERY IN BOA VISTA, CAPE VERDE.
Andrés Ramos Benito | Pilar Santidrián Tomillo | Leila Cristina Lopes Almeida | Maria Medina Suarez
- 11:05 *HAWKSBILL (EREMOCHELYS IMBRICATA) HATCHING SUCCESS AND PRIMARY SEX RATIOS AT SANDY POINT NATIONAL WILDLIFE REFUGE.
Sabrina C. Sorace | Natalie K. Monnier | Dante Trivett | Katie Ayres | Makayla Kelso | Claudia D. Lombard | Kelly Sloan | Paul Jobsis | Kelly R. Stewart
- 11:18 *THE MAKING OF MALES IN A FEMINIZING ENVIRONMENT: AN ASSESSMENT ON THE ARABIAN PENINSULA
Kirsty Scott | Marc Girondot | Jesse Cochran | Michael Berumen
- 11:31 *PREDATION OF SEA TURTLE EGGS
Holly Jayne Stokes | Nicole Esteban | Graeme C Hays
- 11:44 *HATCHING AND EMERGENCE SUCCESS OF LEATHERBACK SEA TURTLES (DERMOCHELYS CORIACEA) ON BIKO ISLAND, EQUATORIAL GUINEA
Trevor L Proctor | Chelsea E Clyde-Brockway | Elizabeth M Sinclair | Frank V Paladino | Shaya Honarvar

3:30 PM: SESSION 18: Nesting Biology #1 / Education, Outreach, and Advocacy #1

Chairs: Ray Carthy, Lalith Ekanayake, Jeanne A Mortimer, Ana Rita Patrício/ Seh Ling Long, Sabrina Caitlin Mashburn, Kathy Zagzebski

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- 3:30 *ASSESSING THE IMPACT OF CLIMATE CHANGE ON GREEN TURTLE HATCHLINGS AT TURTLE ISLANDS PARK, MALAYSIA: A MORPHOMETRIC, HATCHING SUCCESS AND SEX RATIO ANALYSIS
Giorgia Colombo | Juanita Joseph
- 3:43 *EFFICACY OF SEAWATER IRRIGATION TO MITIGATE THE IMPACT OF CLIMATE CHANGE ON HATCHLING SURVIVAL AND SEX DETERMINATION IN GREEN TURTLES
David Morton Adams | Sean A. Williamson | Roger G. Evans | Richard D. Reina
- 3:56 *EX-SITU CONSERVATION OF OLIVE RIDLEY TURTLES (LEPIDOCHELYS OLIVACEA) IN PANADURA BEACH, SRI LANKA
Thushan Kapurusinghe | Rashmi Rasogya Thudugala | Jayangani Elizebeth Theswa | Udari Bandara | Krishanewelwala
- 4:09 *ENHANCING SEA TURTLE STRANDING MONITORING ON THE TUNISIAN COAST: LEVERAGING CITIZEN SCIENCE WITH TWO DISTINCT TOOLS – SOCIAL NETWORKS AND A MOBILE APPLICATION
Hamed Mallat | Wiem Boussellaa | Arij Sadraoui | Achref Chouaibi | Asma Chaabane | Zouhour Bouain | Maissa Louhichi | Marwen Abderrahim | Emna Derouiche | Yassine Ramzi Sghaier | Imed Jribi
- 4:22 *A STUDY ON THE EFFECTIVENESS OF SCHOOL AWARENESS PROGRAMMES TO INCREASE KNOWLEDGE ABOUT SEA TURTLES BY CONSIDERING SELECTED SCHOOLS IN TWO PROVINCES IN SRI LANKA.
Thushan Kapurusinghe | Udari Bandara | Uthpala Wickramasinghe | Rashmi Thudugala | Shantha Jayaweera | Pubuduini Mahesha Peiris

10:00 AM: SESSION 21: Rehabilitation, Health, and Veterinary Care #1 / Technology and Sea Turtles #1

Chairs: Daniela Freggi, Annie Page-Karjian, Maria Luz Parga, Maximilian Polyak/ Kara Dodge, Sandra Hochscheid, Nathan Jack Robinson, Natalie Wildermann

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- 10:00 *CRACKING THE CODE OF SEA TURTLE REHABILITATION: INSIGHTS FROM 23 YEARS AT LAMPEDUSA TURTLE RESCUE (SOUTH MEDITERRANEAN, ITALY)^{*}
Camilla Roldi | Daniela Freggi | Marina Zucchini | Aethus Salvatore Tuccio | Pietro Santalucia
- 10:13 *CLINICAL EVALUATION, ENDOSCOPIC AND MICROBIOLOGICAL INVESTIGATIONS FOR THE DIAGNOSIS OF LUNG PATHOLOGIES IN SEA TURTLES (CARETTA CARETTA): SURVEILLANCE IN THE SOUTHERN ITALIAN SEAS
Stefano Ciccarelli | Delia Franchini | Marialaura Corrente | Carmela Valastro | Antonio Di Bello
- 10:26 *MORPHOLOGICAL IDENTIFICATION OF CHELONIANS THROUGH A MULTIMODAL NETWORK MODEL WITH SEMANTIC SEGMENTATION
Karen Ortiz Ruiz | Mireya Sarai García Vázquez | Alejandro Álvaro Ramírez Acosta
- 10:39 *HOW DOES FASTLOC-GPS TELEMETRY IMPROVE CONSERVATION PLANNING?
Nupur Kale | Nicole Esteban | Kim Stokes | Graeme Hays
- 10:52 *USE OF SUPERPIXELS IN GRAPH CONVOLUTIONAL NETWORKS FOR THE IDENTIFICATION OF SEA TURTLES
Jesús Fernando Franco López | Mireya Sarai García Vázquez | Alejandro Álvaro Ramírez Acosta
- 11:05 AUTOMATIC DETECTION AND ABUNDANCE ESTIMATION OF GREEN TURTLES FROM VIDEO FOOTAGES OF UNMANNED AERIAL VEHICLE
Naoya Noguchi | Hideaki Nishizawa | Taro Shimizu | Junichi Okuyama | Shohei Kobayashi | Kazuyuki Tokuda | Hideyuki Tanaka | Satomi Kondo
- 11:18 COMPARATIVE ANALYSIS OF SEA TURTLE IDENTIFICATION ALGORITHMS FOCUSED ON NON-INVASIVE TECHNIQUES
Arturo Rios Ramos | Mireya Sarai García Vázquez | Alejandro Álvaro Ramírez Acosta
- 11:31 EATS SHOOTS AND LEAVES; THE ECOLOGY OF GREEN TURTLES IN THE LAKSHADWEEP ARCHIPELAGO
Hariprasath Ramesh | Abhijit Kumar Nageshkumar | Nupur Kale | Meenakshi Poti | D.K. Bharti | Muralidharan Manoharakrishnan | Kartik Shanker
- 11:44 PHOTO IDENTIFICATION FOR SEA TURTLES: FLIPPER SCALES MORE ACCURATE THAN HEAD SCALES USING APHS
Sophie K. Mills | Andreu Rotger | Annabelle M.L. Brooks | Frank V. Paladino | Nathan J. Robinson

1:30 PM: SESSION 22: Fisheries and Threats #4

Chairs: Tina Fahy, Irene Kelly, Liyana Izwin Khalid, Tony (Michel Anthony) Nalovic, Nicolas Pilcher, Juan Manuel Rguez-Baron

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- 1:30 HARNESSING CITIZEN SCIENCE FOR ASSESSING INJURY AND RECOVERY PATTERNS OF GREEN AND HAWKSBILL TURTLES IN THE EGYPTIAN RED SEA.
Micol Montagna | Maja Zamencka | Valeria Roma | Abdallah Rabie Taher | Agnese Mancini
- 1:43 NOT SKIPPING A BEAT: BEHAVIORAL RESPONSE OF LEATHERBACK TURTLES FROM CONTROLLED EXPOSURES TO A METRONOMIC MOBILE IMPULSIVE SOUND
Samir Patel | Kate Choate | Leah Crowe | Farrell Davis | Erin Fischell | Heather Haas | Josh Hatch | Ryan Munnelly | Victoria Oriole | Rick Rogers
- 1:56 ROLE OF VISUAL AND OLFACTORY CUES ON PREY RECOGNITION AND PLASTIC INGESTION IN SEA TURTLES
Hee-Jin Noh | Won Joon Shim | Gi Myung Han | Yelim Moon | Eun Vit Cho | Sang Hee Hong
- 2:09 AN ASSESSMENT OF THE NURDLES POLLUTION AND ITS IMPACT ON SEA TURTLE NESTING ALONG THE COASTAL BELT IN SOUTHERN AND WESTERN COASTAL BELT IN SRI LANKA, DUE TO THE MARITIME DISASTER OF MV X-PRESS PEARL CARGO SHIP.
Thushan Kapurusinghe | **Thalatha Ranasinghe** | Mithma De Silva | Kavindu Kapurusinghe | Vasantha Pahalawattaratchchi | Dayani Bodhipala
- 2:22 THREATS AND PRESSURES FACING AN ENDANGERED POPULATION OF LOGGERHEAD TURTLES IN BOA VISTA, CABO VERDE
Kathryn Yeoman | Katia Lopes | Maria Medina | Ivone Monteiro | Thomas Reischig
- 2:35 SEA TURTLE EGG HARVESTING IN TAMBELAN (INDONESIA) AND POSSIBLE SOLUTIONS
Yuliana Fitri Syamsuni | Ranny Ramadhani Yumeni | Chaerul Ahadi | Monique Sumampouw
- 2:48 OVERVIEW OF A 16-YEAR LOGGERHEAD NESTING TREND, POACHING AND THE USE OF HATCHERIES IN RESPONSE TO INCREASING TOURISM AND RELATED THREATS ON SAL ISLAND, CABO VERDE.
Kirsten Fairweather | Artur Lopes | Anice Lopes | Berta Renom | Albert Taxonera

1:30 PM: SESSION 23: Nesting Biology #3

Chairs: Ray Carthy, Lalith Ekanayake, Jeanne A. Mortimer, Ana Rita Patrício

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- 1:30 THERMAL INCUBATION ENVIRONMENT OF GREEN TURTLES (CHELONIA MYDAS) AT TORTUGUERO BEACH, COSTA RICA
Roldán Valverde | Lorraine Aldridge | Brendan Godley | Jonathan Monsinjon | Jaime Restrepo
- 1:43 INCREASING LONG TERM TREND OF LOGGERHEAD SEA TURTLE (CARETTA CARETTA) NESTING ACTIVITY IN SPAIN
Jesús Tomás | Mireia Aguilera | Irene Álvarez de Quevedo | Eduardo J Belda | Luis Cardona | Carlos Carreras | Fernando Escibano | Guillem Félix | Carolina Fernández-Maldonado | Rocío Huertas | Adolfo Marco | Verónica Núñez-Reyes | Marta Pascual | Francisca Pujol | Ohiana Revuelta | Elena Abella
- 1:56 LONGER LOGGERHEAD TURTLE INCUBATION DURATIONS DESPITE A WARMING CLIMATE
Matt Ware | Paul Hillbrand | Ali Johnson | Stephanie Kamel | Elizabeth Darrow
- 2:09 LAYANG LAYANG, SPRATLY ISLANDS: NESTING AND FORAGING GROUNDS FOR MARINE TURTLES IN SOUTH CHINA SEA
Juanita Joseph | Jeethendra Kirishnamoorthie,
- 2:22 EMERGENCE PATTERNS OF HATCHLINGS OF CHELONIA MYDAS, LEPIDOCHELYS OLIVACEA AND DERMOCHELYS CORIACEA AND PREDATORS' BEHAVIOR IN PLAYA CABUYAL, COSTA RICA
Leila Cristina Lopes Almeida | Pilar Santidrián Tomillo
- 2:35 SPANISH MEDITERRANEAN COAST: A CLIMATE CHANGE NESTING REFUGE FOR LOGGERHEAD TURTLES?
Elena Abella Pérez | Celia Solís | Irene Álvarez de Quevedo | Mireia Aguilera | Aida García | Gloria Fainé | Guillem Félix | Xisca Pujol | Jesús Tomás | Fernando Escibano | Rocío Huertas | José Luis Crespo-Picazo | Silvia Giral | Lucía Garrido | Marta Pascual | Carlos Carreras | Lluís Cardona | Adolfo Marco
- 2:48 VARIABILITY IN THERMAL TOLERANCE OF CLUTCHES FROM DIFFERENT MOTHERS INDICATES ADAPTION POTENTIAL TO CLIMATE WARMING IN SEA TURTLES
Camille Kynoch | Frank Paladino | James Spotila | Pilar Santidrián-Tomillo

1:30 PM: SESSION 24: Rehabilitation, Health, and Veterinary Care #2 / Technology and Sea Turtles #2

Chairs: Daniela Freggi, Annie Page-Karjian, Maria Luz Parga, Maximilian Polyak/ Kara Dodge, Sandra Hochscheid, Nathan Jack Robinson, Natalie Wildermann

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- 1:30 ASSESSING THE UTILITY OF THE MATRICE300 RTK UAS FOR IMPROVING THE EFFICIENCY OF SEA TURTLE PATROLS IN THE MATURA REGION OF NORTH-EAST TRINIDAD
Adrian Wilson | Deaneesh Ramsewak | Kyle Mitchell | Cassandra Ali | Arvind Jagassar | Brendan Mastay | Suzan Lakhani-Baptiste
- 1:43 SIREN MOBILE APPLICATION: A TOOL FOR SEA TURTLE CONSERVATION. THE CASE FOR COMBINING CITIZEN SCIENCE AND TECHNOLOGY TO OPTIMIZE NESTING MONITORING
Aristide Takoukam Kamla | Cedrick Fogwan | Laurent Sanchez
- 1:56 FLIGHTS OF FANCY: REFINING AERIAL SURVEY TECHNIQUES TO MONITOR MARINE TURTLES ACROSS REMOTE NESTING SITES.
Lauren R Peel | Adam J Mitchell | Paul A Whittock
- 2:09 ANIMAL MOCA-UP: INSTRUMENTING SEA TURTLES FOR MULTIDISCIPLINARY OCEANOGRAPHIC RESEARCH IN THE CANARY ISLANDS
Alejandro Usategui Martín | Borja Aguiar González | Francisco José Machín Jiménez | Nuria Varo Cruz | Richard Heidrich | Ángeles Marrero Díaz | Ángel Rodríguez Santana | Ana Liria Loza
- 2:22 NEW APPROACHES TO SEX IDENTIFICATION IN SEA TURTLES.
Jose Luis Crespo-Picazo | Pablo Jesús Marin-García | Evaristo Mañanós | Mette Skou Hedemann | Daniel García-Párraga
- 2:35 FACING UNEXPLORED DEPTHS: A NEW SURGICAL APPROACH TO REACH A CHALLENGING ESOPHAGEAL SEGMENT IN CARETTA CARETTA SEA TURTLES
Antonio Di Bello | Carmela Valastro | Daniela Freggi | Chiara Profico | Francesco Caprio | Stefano Ciccarelli | Delia Franchini
- 2:48 INCIDENCE AND OUTCOMES OF HEAD TRAUMA IN INJURED SEA TURTLES IN SOUTH ADRIATIC SEA
Delia Franchini | Stefano Ciccarelli | Carmela Valastro | Francesco Caprio | Daniela Freggi | Pasquale Salvemini | Antonio Di Bello

3:30 PM: SESSION 25: Conservation, Management and Policy #3

Chairs: Heidrun Frisch-Nwakanma, Stacy Hargrove, Michael Joseph Liles, Mario Jorge Mota, Aliko Panagopoulou

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- 3:30 CLEANING UP BEACHES, PROTECTING NESTING GROUNDS, BUILDING ARTIFICIAL REEFS, PROMOTING LOCAL ECONOMIES: RE-THINKING OUR STRATEGIES TO REDUCE BYCATCH OF CRITICALLY ENDANGERED SPECIES.
Agnese Mancini | Isabel Miranda Marin | Yadira Trejo Hernandez | Anibal Lopez Murillo | Diana Arely Ramos de la Torre | Raquel Briseño Dueñas | Brigid Angelito Marin | Arturo Noyola | Carlos Delgado Trejo | Alan Zavala Norzagaray | Chuy Lucero | Karen Ocegüera | Catherine Hart | Bryan P. Wallace | Jeffrey A. Seminoff
- 3:43 RE-MIGRATING TO LOCAL SHORES: REINTEGRATING COMMUNITY PARTICIPATION IN PROTECTING THE MOST SIGNIFICANT NESTING SITE IN MALDIVES, L. GAADHOO
Enas Mohamed Riyaz | Ibrahim Inaan | Isha Afeef
- 3:56 HATCHERIES, HATCHLING RETENTION, AND HEADSTARTING - DISCUSSING THEIR CONSERVATION VALUE
Hiltrud Cordes | Thomas Reischig | Meriussoni Zai
- 4:09 COCOMESH AS A NEST SHADING MATERIAL TO LOWER SAND SURFACE TEMPERATURES AT JEEN YESSA BEACH AT THE BIRD'S HEAD REGION OF PAPUA, INDONESIA
Deasy Natalia Lontoh | Yusup Adrian Jentewo | Arfiandra Andika Wanaputra | Tonny Willem Duwiri | Fitrianti Pakiding | Manjula Tiwari
- 4:22 A NEW OLIVE RIDLEY HOPE SPOT: A PRELIMINARY ASSESSMENT OF MARINE TURTLES NESTING IN PALAWAN, PHILIPPINES
Sharah Marie Barredo | Mark Philip Acosta | Myla Adriano | Franklin Aquino | Lorraine Aplasca | Geraldine Benavente | Titus Canete | Lowee Lyn Castillo | Rufino Clavecilla | Mary Cris Ibanez | Ronnie del Rosario | Edilita B. Demonguitan | Ian Echanes | Leopoldo Jr. Francisco | Lina Flor | Elma Koster | Jessica Labaja | Teodoro Jose S. Matta | Daryl Licerio | Elizabeth Maclang | Rene Manibale | Dixie Marinas | Curt Ivan Mariano | Irene Meca | Azell Montederoso | Arty Moreno | Leah Natural | Clarissa Pador | Marilyn Panda | Alessandro Ponzio | Bergeniush Shalah | Sally Snow | Mildred Suza | Ma. Vivian Soriano | Rizza Araceli F. Salinas

3:30 PM: SESSION 26: Population Biology and Monitoring #4

Chairs: Kirah Ishelle Forman-Castillo, Tomoko Hamabata, Hielim KIM Robin LeRoux, Erin McMichael, Claudio Quesada-Rodríguez, Ryan Welsh

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- 3:30 THE EFFECTS OF MATING FUNCTION AND MICROEVOLUTION ON THE PERSISTENCE OF GREEN TURTLES IN THE FACE OF CLIMATE CHANGE
Victoria Quennessen | Mariana Fuentes | Lisa Komoroske | Will White
- 3:43 THE RIDLEY SAGA: PAST, PRESENT AND FUTURE HATCHLING SEX RATIOS OF THE EAST COAST POPULATION OF OLIVE RIDLEYS IN INDIA
Chandana Pusapati | Hariprasath Ramesh | Muralidharan Manoharakrishnan | Ema Fatima | Nupur Kale | Chetan Rao | Alissa Barnes | Ridhi Chandarana | Vishrutha Rao | Kartik Shanker
- 3:56 SHIFTS IN BODY SIZE FOR A GREEN TURTLE FORAGING AGGREGATION: LONG-TERM PATTERNS, PUTATIVE DRIVERS, AND HISTORICAL CONTEXT FOR A RAPIDLY CHANGING POPULATION IN THE EASTERN NORTH PACIFIC
Andrew S Maurer | Cutzi Bedolla-Ochoa | Carlos Delgado-Trejo | Peter H Dutton | Michelle M Early-Capistrán | Tomo Eguchi | Erin L LaCasella | Garrett E Lemons | Robin A LeRoux | Anika J Quon | Tracy Tempest | Cali N Turner Tomaszewicz | Jeffrey A Seminoff
- 4:09 CHANGE OF NESTING ACTIVITY OF SEA TURTLES AT THE REKAWA TURTLE ROOKERY, SRI LANKA DURING LAST 26 YEARS (1996-2022)
Lalith Ekanayake | Thushan Kapurusinghe | M.M. Saman
- 4:22 SIZE MATTERS: NESTING FEMALE HAWKSBILLS TRENDING SMALLER OVER FIVE DECADES IN SEYCHELLES
Sean Evans | Melissa J Schulze | Mark Brown | Jeanne A Mortimer

3:30 PM: SESSION 27: Rehabilitation, Health, and Veterinary Care #3

Chairs: Daniela Freggi, Annie Page-Karjian, Maria Luz Parga, Maximilian Polyak

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- 3:30 COMORBIDITIES IN LIVE STRANDED COLD-STUNNED SEA TURTLES FROM THE PACIFIC COAST OF NORTH AMERICA
Heather Harris | Emeline McMann-Chapman | Margaret Martinez | Cara Field | James Burke | Michael Murray | Catherine Hadfield | Martin Haulena | Padraig Duignan | Stephen Raverty | James Rice | Lance Adams | Todd Schmitt | Erin LaCasella | Jeffrey Seminoff | Brian Stacy
- 3:43 A SUMMARY OF TWENTY-FIVE YEARS OF SEA TURTLE REHABILITATION AT THE KAREN BEASLEY SEA TURTLE RESCUE AND REHABILITATION CENTER, NORTH CAROLINA, USA
Kathryn A. Zagzebski | Craig A. Harms | Jean F. Beasley | Terry A. Meyer | Phil Sharpe
- 3:56 HOW HEMATOLOGICAL AND PLASMA BIOCHEMICAL PROFILES BENEFIT TURTLES UNDERGOING REHABILITATION IN THE SOUTHWEST INDIAN OCEAN
Mathieu Barret | Lisa Schnoebelen | Antoine Ragé | Fabienne Cadet | Andréa Mougali | Tania Gilbert | Francis Schneider | Stéphane Ciccione
- 4:09 VIRTUOSITY-LED SEA TURTLE STRANDING AND SALVAGE PROGRAMME IN HONG KONG: IMPLEMENTATION, PITFALLS AND WAY FORWARD
Henry Chun Lok Tsui | Brian Chin Wing Kot | Tabris Yik To Chung
- 4:22 CHANGES IN CORTICOSTERONE LEVELS OF NEW YORK'S COLD STUNNED SEA TURTLES FROM RESCUE TO RELEASE
Maxine A Montello | Wendy J McFarlane

Meet the Authors Poster Session Napalai D&E – 4:30-5:30