

# Measuring Sustainable Tourism

## Project Update

Paper prepared for UNCEEA meeting, June 2017

V2, 13 June, 2017

### Background

1. In 2015 the World Tourism Organization (UNWTO), with the support of UNSD, initiated the Towards a Statistical Framework for Measuring Sustainable Tourism (MST) project. Reports on the initial plans and objectives was presented to UNCEEA at its 2015<sup>1</sup> and 2016<sup>2</sup> meetings. A key motivation for the MST project is developing tourism statistics to support measurement of progress towards the UN Sustainable Development Goals (SDGs) and particularly those SDG targets that relate directly to sustainable tourism.
2. A key output from the MST project will be a statistical framework within which a core feature is the linking of the SEEA with the existing framework for tourism satellite accounts (TSA), hence the interest for UNCEEA. This note provides an update on developments in the MST project since last year.
3. Overall, there has been significant progress in the MST project in the past 12 months. The project has gained high level recognition across tourism circles and it is considered a flagship project within UNWTO. This status has been reinforced through a strong connection being made to the events and engagement by UNWTO for the International Year of Sustainable Tourism for Development, 2017.
4. In statistical circles as well, the project has been widely endorsed by the UNWTO Committee on Statistics and Tourism Satellite Account and also especially during the discussion of tourism statistics at the March 2017 session of the UN Statistical Commission. The strong and widespread support for the project shown at that session, with 14 countries participating in the deliberations and including the support from the CARICOM and the group of African countries, was especially encouraging and reflected in the Commission's decisions<sup>3</sup>.

### Key developments

#### Working group of experts on MST

5. Through 2016 a Working Group of Experts on MST was formed and they held their first meeting in Madrid in October 2016. There were over 50 participants from a wide range of countries, sectors and areas of expertise and the overall sense from the

---

<sup>1</sup> See: [https://unstats.un.org/unsd/envaccounting/ceea/meetings/tenth\\_meeting/BK4a.pdf](https://unstats.un.org/unsd/envaccounting/ceea/meetings/tenth_meeting/BK4a.pdf)

<sup>2</sup> See: [https://unstats.un.org/unsd/envaccounting/ceea/meetings/eleventh\\_meeting/SM-11-2-a.pdf](https://unstats.un.org/unsd/envaccounting/ceea/meetings/eleventh_meeting/SM-11-2-a.pdf)

<sup>3</sup> Decision 48/115 on Tourism statistics

meeting was one of enthusiasm for engagement and progress in this area of work. IN many respects the MST project was seen to provide a platform for connecting a wide range of existing measurement projects.

6. The meeting discussed eight main research papers covering a variety of aspects of the measurement challenge including initial thoughts in linking the economic and environmental dimensions of tourism activity using accounting frameworks. It was clear that taking into account spatial scale will be a key aspect in advancing the work since sustainable tourism has traditionally been conceptualised at the destination level. It was also clear that there is a considerable body of knowledge on the measurement of sustainable tourism across its economic, environmental and social dimensions. The challenge is to translate this knowledge into a statistical and accounting setting.
7. A report of the meeting and links to associated papers and presentations can be found online<sup>4</sup>.

### **UNWTO Committee on Tourism Statistics and TSA**

8. The Committee on Tourism Statistics and TSA is the standing committee of the UNWTO that guides the development of tourism statistics and which has carriage of the MST project. At its meeting in January 2017, discussion of the MST project was the key agenda item. A number of papers were presented including a draft outline for the planned Statistical Framework for MST (the latest draft outline is attached in Annex 1), a draft outline for a Technical Note linking SEEA and TSA, a research agenda for the MST project and plans for the drafting of a compilation guide for TSA. The feedback from the discussion of those papers is feeding into the various drafting processes.
9. A key feature of the Committee meeting were the presentations on the policy uses of sustainable tourism indicators and also a range of pilot studies linking TSA and SEEA from Canada, Netherlands, Fiji, Mexico and Italy. The existence of this wide ranging experience provides a strong basis for taking this work forward.
10. A report of the meeting and links to associated papers and presentations can be found online<sup>5</sup>. A list of members of the UNWTO Committee is presented in Annex 2.

### **6<sup>th</sup> International Conference on Tourism Statistics: Measuring Sustainable Tourism**

11. From 21-23 June, 2017, the Philippines will host the 6<sup>th</sup> International Conference on Tourism Statistics with MST being the overall theme for the conference<sup>6</sup>. These conferences are held every 5 - 10 years with the last conference held in Bali in 2009. It represents a significant event in global tourism statistics and for the tourism community more broadly.
12. This year, the focus on MST has been a catalyst for broad engagement on tourism statistics and the opening of the event will be highlighted by a Ministerial Roundtable, followed by a Roundtable of Chief Statisticians. Some 800 international and local participants are expected throughout (1500 in the opening). With the support of the Government of the Philippines, the Conference will issue a Call for Action on the

---

<sup>4</sup> First Meeting of the Working Group of Experts on Measuring Sustainable Tourism: [http://statistics.unwto.org/wg\\_meeting](http://statistics.unwto.org/wg_meeting)

<sup>5</sup> Seventeenth meeting of the UNWTO Committee on Statistics and the Tourism Satellite Account [http://statistics.unwto.org/committeests\\_a\\_17thmeeting](http://statistics.unwto.org/committeests_a_17thmeeting)

<sup>6</sup> 6th International Conference on Tourism Statistics: Measuring Sustainable Tourism at [www.mstconference.org](http://www.mstconference.org)

measurement of sustainable tourism thus providing an excellent foundation and impetus for extending statistical work in this area.

13. Sessions of the conference will cover user and policy needs, linking economic and environmental dimensions of tourism, measuring employment and social aspects, measurement at sub-national scales, the potential of big data and non-traditional data sources, and the role of indicators and the connection of MST to the SDG agenda. Specific papers to be presented include a preliminary draft of the statistical framework and a draft of the Technical Note Linking SEEA and TSA.
14. A report from the Conference and the Call for Action will be presented to the UNWTO General Assembly in September 2017.

### Next steps

15. Responding to the Manila Call for Action and building on the discussions at the international conference, a more detailed program of work within the MST project will be elaborated. It will encompass advancements in the research agenda envisaged at the January 2017 Committee meeting and will work towards the finalisation of the Statistical Framework for Measuring Sustainable Tourism for presentation to the UNSC at its meeting March 2020.
16. With respect to environmental-economic accounting specifically, the draft Technical Note Linking SEEA and TSA will be presented at the Manila conference and subject to further consultation among the Working Group of Experts on MST. Engagement with the London Group is also planned. Clearly establishing the economy-environment linkage is a core feature of the overall MST framework and the broader framework will reflect an accounting framing for other information, for example concerning employment and social aspects of sustainable tourism.
17. Following these stages of external review, it is intended that an updated draft of the Technical Note be provided to the SEEA Central Framework Technical Committee in the second half of 2017 for their review and consideration. Ultimately, the Technical Note should be endorsed by the UNWTO Committee on Tourism Statistics and TSA and will be considered by that committee at their next meeting in early 2018.
18. It is noted also that through 2017 work will continue towards drafting of a TSA Compilation Guide, co-ordinated by UNSD, and in line with proposals presented to the January 2017 Committee meeting.
19. Building on the development of the conceptual materials and research program, planning will commence to extend the program of pilot studies that has already commenced and importantly, to structure a program of capacity building, implementation support and associated materials. To this end, an exciting development is the nomination of MST as a flagship program for 2018 in the UNWTO Resource Mobilisation Program. This nomination aims to secure funding to support MST developments and reflects the desire to support projects that embed sustainable tourism within the rigour of statistics, whilst building on the engagement generated through the International Year 2017 activities.
20. The MST project will be happy to provide a further update on progress to the next UNCEEA meeting.

## Issues for decision/discussion

Members of UNCEEA are asked to:

- Note the progress and developments in the MST. Comments on the project would be welcome.
- Comment on the role of UNCEEA in relation to the development and finalisation of the Technical Note and the broader MST framework. In particular, confirm that the Technical Note will be a joint output of UNCEEA and the UNWTO Committee on Statistics and TSA.
- Endorse the proposed approach to the finalisation of the Technical Note Linking SEEA and TSA involving the SEEA Central Framework Technical Committee as described above.

## Annex 1: Draft outline MST Statistical Framework at June 2017

Following is the table of contents from the preliminary draft of the MST Statistical Framework to be presented to the International Conference on Tourism Statistics in Manila, June 2017. This outline is updated from an earlier draft outline considered by the UNWTO Committee on Tourism Statistics and TSA at their meeting in January 2017.

### Table of contents

Foreword .....	
Table of contents .....	
List of abbreviations and acronyms .....	
1 Introduction.....	
1.1 Sustainable tourism .....	
1.2 Sustainable tourism policy issues and questions.....	
1.3 Measuring sustainable tourism .....	
1.4 The benefits of a statistical approach.....	
1.5 Structure of the SF-MST document .....	
2 Overview of the SF-MST .....	
2.1 Introduction.....	
2.2 Coverage of SF-MST.....	
2.3 The overall structure of the SF-MST.....	
2.4 Statistical frameworks incorporated in the SF-MST .....	
2.5 Use of a national accounting approach .....	
2.5.1 Introduction.....	
2.5.2 Key features of an accounting approach.....	
2.5.3 Types of accounts .....	
2.5.4 Accounting principles .....	
2.6 Summary of SF-MST accounts and tables.....	
2.7 Using the SF-MST to derive indicators and support analysis.....	
2.7.1 Introduction.....	
2.7.2 Combined presentations .....	
2.7.3 Sustainable tourism indicators for the SDGs .....	
2.7.4 Environmentally extended Input-Output tables and related analysis.....	
3 Defining spatial areas for the measurement of sustainable tourism .....	
3.1 Introduction.....	
3.2 Terminology with respect to spatial areas .....	
3.3 The statistical challenge in defining spatial areas .....	
3.4 The feasibility and relevance of compiling sub-national data .....	
3.5 The current state of play .....	
3.6 Pathways forward in defining spatial areas for measuring sustainable tourism.....	
4 Accounting for the economic dimension of sustainable tourism.....	

4.1	Introduction.....	
4.2	Key aspects of tourism statistics and the TSA framework.....	
4.2.1	Tourism statistics.....	
4.2.2	The TSA framework .....	
4.3	Measuring economic activity of tourism .....	<b>Error! Bookmark not defined.</b>
4.3.1	Accounting for tourism activity at aggregate level.....	
4.3.2	Accounting for characteristics of tourism industries.....	
4.3.3	Accounting for tourism infrastructure and investment.....	
4.3.4	Assessing seasonality.....	
4.3.5	Measuring the sharing economy .....	
4.3.6	Extending the TSA to record environmental transactions.....	
4.4	Measuring the employment aspects of tourism .....	
4.5	Accounting for the economic dimension at sub-national level .....	
5	Accounting for the environmental dimension of sustainable tourism.....	
5.1	Introduction.....	
5.2	Key aspects of the SEEA framework .....	
5.3	Accounts for environmental flows for tourism industries.....	
5.3.1	Introduction.....	
5.3.2	Accounts for water flows for tourism industries.....	
5.3.3	Accounts for energy flows for tourism industries .....	
5.3.4	Accounts for GHG emissions for tourism industries	
5.3.5	Accounts for solid waste for tourism industries.....	
5.3.6	Estimating the tourism share of environmental flows .....	
5.3.7	Distinguishing the consumption and the production perspectives.....	
5.3.8	Allocating environmental flows associated with transport activity .....	
5.4	General features of measuring environmental assets.....	
5.4.1	Introduction.....	
5.4.2	Approaches to accounting for environmental assets.....	
5.4.3	Accounting for water resources .....	
5.4.4	Accounting for wildlife and key species.....	<b>Error! Bookmark not defined.</b>
5.4.5	Land accounts for tourism .....	
5.4.6	Accounting for tourism related ecosystem assets.....	
6	Accounting for the social and cultural dimension of sustainable tourism .....	
	Annexes .....	
	Relevant classifications .....	
	Research agenda.....	

Glossary .....  
References and links (to be finalized) .....

## Annex 2: UNWTO Committee on Statistics and TSA – List of members

List of participants of the 17<sup>th</sup> meeting of UNWTO Committee on Statistics and TSA, UNWTO Headquarters, Madrid, Spain, 24-25 January 2017

### CHAIR

#### AUSTRIA

Mr. Peter LAIMER  
Vice Director  
Directorate Spatial Statistics  
Statistics Austria

E-mail [peter.laimer@statistik.gv.at](mailto:peter.laimer@statistik.gv.at)

### VICE-CHAIR

#### GEORGIA

Mr. Giorgi BREGADZE  
Head of Research and Planning Department  
Georgian National Tourism Administration  
Ministry of Economy and Sustainable Development of Georgia

E-mail [g.bregadze@gnta.ge](mailto:g.bregadze@gnta.ge)

### 1. MEMBERS OF THE COMMITTEE

#### A. MEMBER STATES

#### AUSTRIA

Mr. Thomas MAYR  
Division for International Tourism Affairs  
Federal Ministry of Science, Research and Economy

E-mail [thomas.mayr@bmwfw.gv.at](mailto:thomas.mayr@bmwfw.gv.at)

#### CHILE

Ms. Verónica KUNZE NEUBAUER  
Jefa División de Estudios, Subsecretaría de Turismo  
Ministerio de Economía, Fomento y Turismo

E-mail [vkunze@subturismo.gob.cl](mailto:vkunze@subturismo.gob.cl)

#### FRANCE

Mr. Jean-Christophe LOMONACO  
Direction générale de la compétitivité de l'industrie et des services  
(DGCIS)  
Ministère de l'économie, de l'industrie et de l'emploi

E-mail [jean-christophe.lomonaco@finances.gouv.fr](mailto:jean-christophe.lomonaco@finances.gouv.fr)

#### INDIA

Mr. Ravi Kant BHATNAGAR  
Additional Director General  
Ministry of Tourism

E-mail [bhatnagar.rk2010@gmail.com](mailto:bhatnagar.rk2010@gmail.com)



## **MOZAMBIQUE**

Ms. Isabel Maria E. MACIE  
Directora Nacional de Planificação e Cooperação  
Ministério do Turismo

E-mail [isabel.macie3@gmail.com](mailto:isabel.macie3@gmail.com)

## **PERU**

Mr. Daniel MARAVI VEGA CENTENO  
Director General, Dirección General de Investigación y Estudios sobre  
Turismo y Artesanía - DGIETA  
Ministerio de Comercio Exterior y Turismo – MINCETUR

E-mail [dmaravi@mincetur.gob.pe](mailto:dmaravi@mincetur.gob.pe)

Mr. Walter VIZARRETA VILCARROMERO  
Sub-Director de Inteligencia y Prospectiva  
Comisión de Promoción del Perú para la Exportación y el Turismo –  
PROMPERÚ

E-mail [wvizarreta@promperu.gob.pe](mailto:wvizarreta@promperu.gob.pe)

## **PHILIPPINES**

Mr. Rolando CAÑIZAL  
Undersecretary for Administration and Special Concerns (DOT-ASC)  
Department of Tourism

E-mail [rcanizal@tourism.gov.ph](mailto:rcanizal@tourism.gov.ph)

Mr. Noubert Emmanuel OLIVEROS  
Executive Assistant  
Office of the Undersecretary for Administration  
Department of Tourism

E-mail [nsoliveros@tourism.gov.ph](mailto:nsoliveros@tourism.gov.ph)

## **SAUDI ARABIA**

Mr. Abdulhakim Abdulmohsen AL-BABTAIN  
Director General for Tourism Information and Research Centre (MAS  
Center)  
Saudi Commission for Tourism and Antiquities

E-mail [babtainaa@scth.gov.sa](mailto:babtainaa@scth.gov.sa)

Mr. Faisal Abdullah AL SALEEMI  
Information Department Manager  
Tourism Information and Research Centre (MAS Center)  
Saudi Commission for Tourism and Antiquities

E-mail [sleemif@scth.gov.sa](mailto:sleemif@scth.gov.sa)

## **SOUTH AFRICA**

Ms. Kholadi TLABELA  
Director Research  
Policy and Knowledge Services  
National Department of Tourism

E-mail [ktlabela@tourism.gov.za](mailto:ktlabela@tourism.gov.za)

## **SPAIN**

Ms. Ana RODRÍGUEZ VALER  
Subdirectora General Adjunta  
Subdirección General de Conocimiento y Estudios Turísticos  
Instituto de Turismo de España - TURESPAÑA

E-mail [ana.rodriguezvaler@tourspain.es](mailto:ana.rodriguezvaler@tourspain.es)

Ms. Elena FOUCE GARCÍA-PARRA Head of the Technical Assistance and Cooperation Unit Subdirección General de Conocimiento y Estudios Turísticos Instituto de Turismo de España - TURESPAÑA	E-mail	<a href="mailto:elena.fouce@iet.tourspain.es">elena.fouce@iet.tourspain.es</a>
Mr. Fernando CORTINA GARCÍA Subdirector Adjunto, Subdirección de Estadísticas de Turismo, Ciencia y Tecnología Instituto Nacional de Estadística	E-mail	<a href="mailto:fernando.cortina.garcia@ine.es">fernando.cortina.garcia@ine.es</a>
Ms. María IZQUIERDO VALVERDE Jefa de Área Subdirección de Estadísticas de Turismo, Ciencia y Tecnología Instituto Nacional de Estadística	E-mail	<a href="mailto:maria.izquierdo.valverde@ine.es">maria.izquierdo.valverde@ine.es</a>

## **B. ASSOCIATE STATES**

### **MACAO, CHINA**

Mr. Hoi lo MENG Head of Organizational Planning and Development Department Macao Government Tourism Office	E-mail	<a href="mailto:ricky@macaotourism.gov.mo">ricky@macaotourism.gov.mo</a>
Ms. Shirley SOUSA Senior Executive of Research and Planning Division Macao Government Tourism Office	E-mail	<a href="mailto:shirley@macaotourism.gov.mo">shirley@macaotourism.gov.mo</a>

## **2. INVITED PARTICIPANTS**

### **A. MEMBER STATES**

#### **ARGENTINA**

Mr. Rodrigo OLIVER Director Nacional de Mercados y Estadística Subsecretaría de Desarrollo Turístico Secretaría de Turismo - Ministerio de Turismo	E-mail	<a href="mailto:roliver@desarrolloturistico.gob.ar">roliver@desarrolloturistico.gob.ar</a>
---	--------	--

#### **ITALY**

Ms. Mascia DI TORRICE Researcher Italian National Institute of Statistics	Email	<a href="mailto:maditorr@istat.it">maditorr@istat.it</a>
Ms. Maria Teresa SANTORO Researcher Italian National Institute of Statistics	Email	<a href="mailto:masantor@istat.it">masantor@istat.it</a>

#### **MEXICO**

Mr. Raúl FIGUEROA DÍAZ Director de Cuentas Satélites de Turismo Instituto Nacional de Estadística y Geografía (INEGI)	Email	<a href="mailto:raul.figueroa@inegi.org.mx">raul.figueroa@inegi.org.mx</a>
---	-------	--

## **THE NETHERLANDS**

Mr. Maarten VAN ROSSUM (BY WEBEX)  
Statistical Researcher  
National Accounts, Statistics Netherlands

E-mail [m.vanrossum@cbs.nl](mailto:m.vanrossum@cbs.nl)

## **MOROCCO**

Mr. Moulay Lahcen AIT SIDI ALLAL  
Chef de Division de l'Evaluation et des Publications  
Direction de la Stratégie et de la Coopération, Département du  
Tourisme

E-mail [lahcen1@hotmail.com](mailto:lahcen1@hotmail.com)  
[maitsidiالل@tourisme.gov.ma](mailto:maitsidiالل@tourisme.gov.ma)

Mr. Laraji YOUNESS  
Statistical Engineer  
Statistics Department  
Ministry of Tourism

E-mail [ylaraji@tourisme.gov.ma](mailto:ylaraji@tourisme.gov.ma)

## **OMAN**

Ms. Laila Habib AL AJMI  
Director of Travel and Tourism Statistics  
National Centre for Statistics and Information

E-mail [lajmi@ncsi.gov.om](mailto:lajmi@ncsi.gov.om)

## **B. NON-MEMBER STATES**

### **CANADA**

Ms. Demi KOTSOVOS  
Senior Economist, Income and Expenditure Accounts Division  
Statistics Canada

E-mail [demi.kotsovos@statcan.gc.ca](mailto:demi.kotsovos@statcan.gc.ca)

### **SWEDEN**

Mr. Martin DANIELS  
Research and Analysis  
The Swedish Agency for Economic and Regional Growth

E-mail [martin.daniels@tillvaxtverket.se](mailto:martin.daniels@tillvaxtverket.se)

## **C. AFFILIATE MEMBERS REPRESENTATIVES**

### **CENTRO INTERNAZIONALE DI STUDI E RICERCHE SULL'ECONOMIA TURISTICA (CISET)**

Ms. Mara MANENTE  
Director, Centro Internazionale di Studi e Ricerche sull'Economia  
Turística - University of Venice

E-mail [mara.manente03@unive.it](mailto:mara.manente03@unive.it)

### **ISTITUTO MOVATUR S.L**

Mr. Kepa ARANBURU  
Socio Consultor

E-mail [k.aranburu@movatur.com](mailto:k.aranburu@movatur.com)

## **D. INSTITUTIONS and ORGANIZATIONS**

### **ECO-UNION**

Mr. Alejandro GONZÁLEZ  
Project Manager eco-union and Director Artistic VilaMón

E-mail [alejandro.gonzalez@ecounion.eu](mailto:alejandro.gonzalez@ecounion.eu)

### **INRouTe**

Mr. Antonio MASSIEU  
Chair

E-mail [antoniomassieu@gmail.com](mailto:antoniomassieu@gmail.com)

Ms. Nagore ESPINOSA (PhD)  
Technical Secretariat

E-mail [technicalsecretariat@inroutenetwork.org](mailto:technicalsecretariat@inroutenetwork.org)

### **INTERNATIONAL LABOUR ORGANIZATION (ILO)**

Mr. Rafael DIEZ DE MEDINA  
Chief Statistician/Director  
Department of Statistics

E-mail [diez@ilo.org](mailto:diez@ilo.org)

### **JUNTA DE ANDALUCÍA**

Ms. Inmaculada GALLEGO GALÁN  
Sistema de Análisis y Estadística del Turismo de Andalucía (SAETA)  
Empresa Pública para la Gestión del Turismo y del Deporte de  
Andalucía  
Consejería de Turismo y Deporte

E-mail [igallego@andalucia.org](mailto:igallego@andalucia.org)

Ms. Ana MONICHE BERMEJO  
Técnico, Área de Estadística e Investigación de Mercados  
Empresa Pública para la Gestión del Turismo y del Deporte de  
Andalucía  
Consejería de Turismo, Comercio y Deporte

E-mail [amoniche@andalucia.org](mailto:amoniche@andalucia.org)

### **MUNICIPAL DEPARTMENT 23 (MA 23) - ECONOMIC AFFAIRS, LABOUR AND STATISTICS OF THE CITY OF VIENNA**

Mr. Klemens HIMPELE  
Head of Service

E-mail [klemens.himpele@wien.gv.at](mailto:klemens.himpele@wien.gv.at)

### **NECSTouR**

Ms. Cristina NÚÑEZ  
Coordinator

E-mail [cristina.nunez@necstour.eu](mailto:cristina.nunez@necstour.eu)

### **ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT (OECD)**

Mr. Peter HAXTON  
Policy Analyst, Tourism Unit  
Centre for Entrepreneurship, SMEs, Local Development and Tourism

E-mail [peter.haxton@oecd.org](mailto:peter.haxton@oecd.org)

### **STATISTICAL OFFICE OF THE EUROPEAN UNION (EUROSTAT)**

Mr. Christophe DEMUNTER  
Tourism Statistics Section  
Unit G-3 Short term statistics and tourism

E-mail [christophe.demunter@ec.europa.eu](mailto:christophe.demunter@ec.europa.eu)

### **SUN YAT-SEN UNIVERSITY**

Ms. Doris Chenguang WU  
Associate Professor  
Sun Yat-sen Business School

E-mail [wucheng@mail.sysu.edu.cn](mailto:wucheng@mail.sysu.edu.cn)

### **UNITED NATIONS STATISTICS DIVISION (UNSD)**

Mr. Karoly KOVACS  
Chief, Statistics of International Trade in Services Section  
Trade Statistics Branch

E-mail [kovacs@un.org](mailto:kovacs@un.org)

### **UNIVERSIDAD DE LA LAGUNA**

Mr. Raúl HERNÁNDEZ MARTÍN  
Director de la Cátedra de Turismo  
Caja Canarias-Ashotel  
Islas Canarias

E-mail [rahernan@ull.es](mailto:rahernan@ull.es)

### **UNIVERSITY OF THE AEGEAN**

Mr. Ioannis SPILANIS  
Associate Professor  
Laboratory of Local and Island Development Department of the  
Environment

E-mail [ispil@aegean.gr](mailto:ispil@aegean.gr)

## **3. UNWTO**

### **UNWTO CONSULTANTS**

Mr. Cesare COSTANTINO  
UNWTO Consultant

E-mail [costantino.cesare@alice.it](mailto:costantino.cesare@alice.it)

Mr. Carl OBST  
UNWTO Consultant

E-mail [carl\\_obst@me.com](mailto:carl_obst@me.com)

### **UNWTO**

Mr. Taleb RIFAI  
Secretary-General

E-mail [omt@unwto.org](mailto:omt@unwto.org)

Mr. Márcio FAVILLA L. DE PAULA  
Executive Director for Operational Programmes and Institutional  
Relations

E-mail [mfavilla@unwto.org](mailto:mfavilla@unwto.org)

Mr. Zoltán SOMOGYI Executive Director for Programme and Coordination	E-mail	<a href="mailto:zsomogyi@unwto.org">zsomogyi@unwto.org</a>
Mr. Carlos VOGELER Executive Director for Member Relations	E-mail	<a href="mailto:cvogeler@unwto.org">cvogeler@unwto.org</a>
Mr. XU Jing Director – Executive Secretary of the General Assembly and the Executive Council, Regional Director for Asia and the Pacific	E-mail	<a href="mailto:jxu@unwto.org">jxu@unwto.org</a>
Ms. Ana BOTELLA Special Adviser	E-mail	<a href="mailto:abotella@unwto.org">abotella@unwto.org</a>
Mr. John KESTER Programme Director, Tourism Market Trends	E-mail	<a href="mailto:jkester@unwto.org">jkester@unwto.org</a>
Mr. Dirk GLAESSER Programme Director, Sustainable Development of Tourism	E-mail	<a href="mailto:dglaesser@unwto.org">dglaesser@unwto.org</a>
Ms. Sofia GUTIÉRREZ Programme Coordinator, Sustainable Development of Tourism	E-mail	<a href="mailto:sgutierrez@unwto.org">sgutierrez@unwto.org</a>
Ms. Vanessa SATUR Programme Coordinator, Technical Cooperation	E-mail	<a href="mailto:vsatur@unwto.org">vsatur@unwto.org</a>
Ms. Clara VAN DER POL Programme Officer, Statistics and Tourism Satellite Account	E-mail	<a href="mailto:cvanderpol@unwto.org">cvanderpol@unwto.org</a>
Ms. Teresa CILLER Statistics and Tourism Satellite Account	E-mail	<a href="mailto:tciller@unwto.org">tciller@unwto.org</a>
Ms. Laura MUÑOZ Statistics and Tourism Satellite Account	E-mail	<a href="mailto:lmunoz@unwto.org">lmunoz@unwto.org</a>
Ms. Jacinta GARCÍA Programme Assistant, Statistics and Tourism Satellite Account	E-mail	<a href="mailto:jgarcia@unwto.org">jgarcia@unwto.org</a>
Ms. Léandry MORENO Statistics and Tourism Satellite Account	E-mail	<a href="mailto:lmoreno@unwto.org">lmoreno@unwto.org</a>
Ms. Harmony LAMM Regional Programme for Asia and the Pacific	E-mail	<a href="mailto:hلام@unwto.org">hلام@unwto.org</a>
Ms. Birka VALENTIN Sustainable Development of Tourism	E-mail	<a href="mailto:rcm3@unwto.org">rcm3@unwto.org</a>