www.fundacionstarlight.org

The potential of the astro-tourism International Starlight Certification

Dr. Antonia Varela

Fundación Starlight Institute of Astrophysics of Canary Islands

2º PREMIO - Jorge Humberto Velázquez - Tema: Noche Mágica III MARATÓN FOTOGRÁFICO M-Starlight





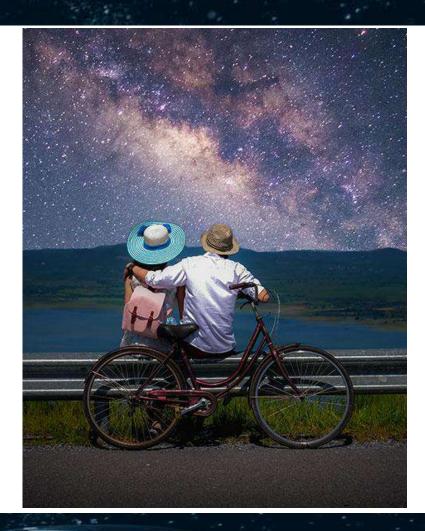
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Origin of the astro-tourism

⁹ Among others, tourism can become a major instrument for a new alliance in defence of the quality of the nocturnal skyscape. Responsible tourism can and should take on board the night sky as a resource to protect and value in all destinations. Generating new tourist products based on the observation of the firmament and the phenomena of the night, opens up unsuspected possibilities for cooperation among tourism stakeholders, local communities, and scientific institutions.

La Palma Declaration, 2007

UNESCO, UNWTO, IAU, UNEP-CMS, COE, SCBD, MaB, EC and Ramsar Convention.





What is astro-tourism?

Scientific Tourism: science as a working methodology in tourism.

Astro-tourism is an innovative, sustainable and responsible form of tourism that combines night sky observation, outreach and leisure activities related to astronomy.

Trends:

- Desire to enjoy stargazing
- Interest in knowledge, particularly in astronomy
- Demand for quality and expertise (Starlight training)
- Selectivity of destinations (Starlight sites)
- Infrastructures
- Search for authentic experiences







Profile of the astro-tourist



- Medium-high cultural and economic level
- High environmental sensitivity
- Select destination
- Prepare your trip in advance
- Families, couples, the curious and amateur and professional astronomers

85% of the world's population lives under polluted skies.... and who doesn't like astronomy?



Resources for astro-tourism and Training





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Corner Affiliate Members UNW

Geology, flora, fauna, landscape, culture, ethnography. Visitors interests

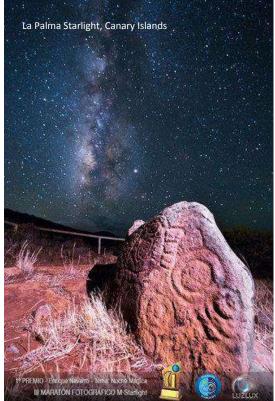
✓ 112 Starlight Guides
✓ 587 Starlight Monitor
✓ 35 Introduction in Astrotourism
✓ 37 Lighting Technicians
✓ 18 Starlight Auditors
✓ 100 Starlight teachers
✓ Workshops for entrpreneurs

> 15 nationalities



Where to go for Astro-Tourism?

Starlight Reserves and Starlight Tourist Destinations





Los Pedroches Starlight, Córdoba, Andalucía

- **Environmental requirements** (night and day sky quality) and others \checkmark related to **natural**, **cultural** and **scientific** heritage.
 - Visitable, accessible and safe
- Infrastructures and services.
- Starlight Lighting Puente La Reina (Navarra) Intelligent lighting strategies and regulations.
- Strategy and management of starlight-related resources. \checkmark
- Knowledge management (research, innovation, education and information).
- **Starlight astro-tourism program** macro-management and feedback. \checkmark



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Starlight Tourist Destinations: bringing for first time science and tourism together

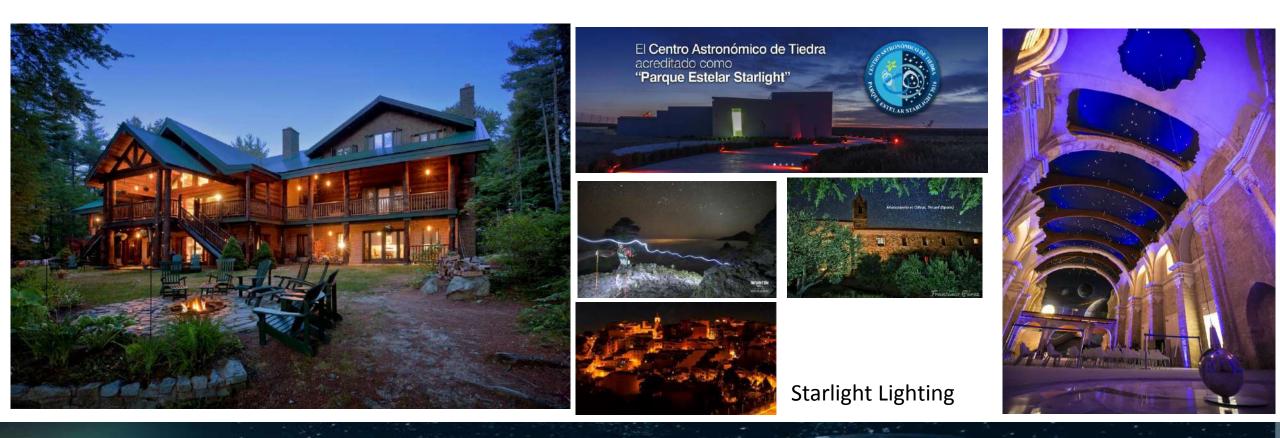




Starlight Rural Hotel & Houses and other modalities

Rural Hotel&Houses, Inns, Camps, ...

Stellar Parks, Wilderness, farms, activities. ... Cultural Monuments





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The Starlight Network

- 15 Starlight Reserves
- 41 Starlight Tourist Destinations
- 77 rural hotels and others lodges
- 10 Stellar Parks
- 24 other modalities

657 Starlight Declaration Adhesions 89.027,99 km²

Biosphere Reserves of La Palma, La Rioja, Fuerteventura, Sierra Morena, Monfragüe, Gran Canaria, Alto Turia, Menorca (Spain), Fray Jorge (Chile) and South West Nova (Canada) or the Teide NP, the first World **Heritage site** labelled. Responsible lighting and light pollution control are key requirements for the certification in these sites.

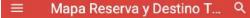




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The Starlight Network https://fundacionstarlight.org/contenido/84-mapa-reserva-y-destino-turistico-starlight.html



67.485 vistas Publicado hace 6 días COMPARTIR

Reservas Starlight

오 La Palma

Montsec

S Cumbres de Tenerife

Parque Nacional de Aigüestortes i Estany de... ... 11 más

Destino Turístico Starlight

- La Palma 💡 Granadilla de Abona
 - 💡 Dark Sky Alqueva
 - 💡 Gredos Norte
 - ... 37 más





 Fecha de Certificación: Octubre de 2018 Extension: 1.448.5 Km2 - Espacio protegido: Parque Nacional de Algüestortes I Estany de Sant Maurici Zona de Especial Protección de la Calidad Acústica (ZEPQA) Coordenadas Norte UTM: 254304, 4732968 Este UTM: 352833, 4710962 Sud UTM 330934, 4687986 Deste UTM: 310196, 4706504 Municipios: Esterri d' Àneu, Alt Àneu, Espot, La Guigueta d'Aneu. La Torre de Capedella. La Vall de Boi. Naut Aran, Sort, Vielha e Mijaran y Vilalier.

9 Reserves

- **Tourist Destinations**
- **Rural Houses & Hotels**
- Wilderness, Monuments
- A **Stellar Parks**
- \otimes Restaurants, wineries
- G Farms
- Walking trails R





Corner Affiliate Members UNWTO-Madrid, 3 December 2021

Iberá-Argentina





IBERÁ- ARGENTINA Esteros del Iberá (Argentina), 2021 Guaraní Missions Funded by AECID (Ministry of Foreign Affairs, European Union and Cooperation)

Starlight Reserve Starlight Tourist Destination Starlight Monitors Course

- Fundación Yetapá
- Global Cad
- Ideas4Change
- Fundación Starlight





Corrientes

Colonia C
Pellegrini

7

Esteros del Iberá





Gilgilt-Baltistán-Pakistán











Women's empowerment and the sky

Women carpenters of the Hunza Valley (Ciqam)

Hunza, Hushe, Deosai, Baltoro Starlight Declaration accession underway

The region contains some of the highest peaks in the world. The most important mountain ranges are the Karakoram and the Eastern Himalayas..





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Other International Starlight certifications in progress



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Socio-economic impact and opportunities

International annual growth up to 300% National + International up to to 477%

Montsec...32.000 visitors, 2.5 millions €/year Iles Atlanticas...71.000 visitors for Starlight activities Tenerife200.000 visitors La Palma ...more than 70 business or registered projects, 29.5 millions €/year (Cabildo de La Palma).

From Airbnb study in Starlight sites: Antofagasta (Chile)...... 327% La Palma (Spain) 90% Yarmouth (Canada)...... 221%



SF Winner in FiturNext 2020 Challenge among more than 250 innovative sustainable tourism projects of more than 50 countries.

Smart travels, smart Destinations

Open spaces Uncrowded Safe Quiet Attractive Personalized products Excellence and quality Emotions Inclusive/Accessible Gender equality Experiences+Knowledge



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Astrotourism

Gastronomic

Solitary

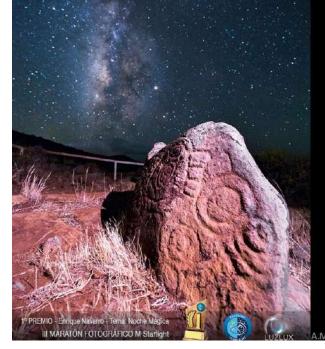
Oenological and

Nature/Ecotourism

Active/Adventure

Benefits

Opportunities UNWTO and UNESCO-MaB Standards Sustainable Development Goals 2030



The sky is a natural resource present 365 days a year and 24 hours a day. An increasing number of potential tourists value this natural, scenic and cultural resource.

- De-seasonalisation
- Overnight stays
- Against centralisation
- Against depopulation

INNOVATIVE MODALITY OF SUSTAINABLE TOURISM

QUALITY JOB CREATOR

CREATION OF NEW SPACES PROTECTION AND PRESERVATION OF NATURAL SPACES

REVALUATION OF CULTURAL, HISTORICAL, ENVIRONMETAL, AND ETHNOGRAPHIC HERITAGE

> POWERFUL TOOL TO SPREAD THE ASTRONOMY



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Emerging typologies-Looking ahead Opportunity during and after covid19

El Astro-Tourismo en Planes Sostenibilidad Turística en España y en Estrategia Experiencias Turismo en España



- Carta Europea de Turismo Sostenible (CETS) reconocida por la Europarc Federation
- Geopargue Mundial de la UNESCO y Comité Nacional de Geopargues
- Sistema de Reconocimiento de Sostenibilidad Turística en Red Natura 2000 (Comisión Europea)
- Reservas de la Biosfera (UNESCO) y Comité MaB
- Destinos turísticos Starlight

INISTERIO

E INDUSTRIA, COMERCIO

- Destinos EDEN acreditados como Destinos Europeos de Excelencia
- Otros posibles sistemas de certificación apoyados por las administraciones públicas

25 November 2021 The astroturism "Presentación de la Estrategia de Experiencias Turismo España"





Scientific/Astrotourism WG Affiliate Members UNWTO led by the Starlight Foundation (Starlight Foundation is AM since 2015)

41ST Plenary AAMM UNWTO,, 6-11 September 2019, St. Petersboug (Russia)



Science and Tourism in the horizon of the touristic industry and to reach the SDG's of Agenda 2030





INTERNACIONAL D

Miembros del arun

UNWTO

(Fitur)

MEETINGS SCIENTIFIC TOURISM AAMM UNWTO



The main purpose of this working group will be to see the potential of this branch of tourism, as well as to create a forum where ideas and experiences about combine Science and Tourism are studied and contrasted, starting with the astrotourism.



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Scientific/Astrotourism WG Affiliate Members UNWTO led by the Starlight Foundation

More than 100 participants, 70% in person and 30% on line: Spain, Portugal, Germany, Costa Rica, Canada, Chile, Pakistan, etc.

Organizers: Fundación Starlight, Associación Dark Sky Alqueva, University Evora, CIDEUS, and with the participation of the AAMM UNWTO.



I International Astrotourism Conference by Starlight, 6-11 Sept. 2021, Évora (Portugal), included in AAMM UNWTO Agenda 2021

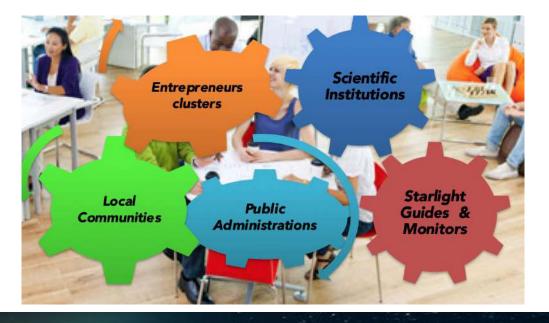






ST WG Affiliate Members UNWTO-Agenda 2022 GUIDE FOR THE CREATION OF ASTRO-TOURISM EXPERIENCES IN DESTINATIONS AND BEST PRACTICES

To be leaders in astrotourism, it is necessary to innovate, diversify and sophisticate the offer, personalizing it in each destination and promoting the development articularly.



Project in AAMM UNWTO Agenda 2022

To create a guide for the creation of astro-tourist experiences Keys for a rigorous yet entertaining storytelling Preservation of the sky

Outline

Key definitions: What is the astro-tourism? Where to go for doing astro-tourism? Starlight international certification system Travel motivations of astro-tourists Target audience / markets Infrastructure requirements Communication and marketing Sustainability / Protecting the sky Accessibility and inclusive astro-tourism Related products Case studies / best practices





Starlight Foundation & BPW Spain SDG18 Sky Quality And Access To Starlight





Antonia Varela

www.fundacionstarlight.org

Email: directora@fundacionstarlight.org

Starlight, a common heritage

One People — One Night Sky Astronomy is for Everybody



Antonia Varela