



Online Certificate Course in Astrobiology & Paleontology | Batch 08 | 2026

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කෙටි කාලීන සහතික පත්‍ර පාඨමාලාව

COURSE TYPE: Short Certificate | **MODE:** Online/ Distance learning | **COURSE HOURS:** 100

DURATION: 3 Months/ Each Saturday 4.00pm to 6.00pm [IST]

START: 28th of February 2026 | **Application DEADLINE:** 26th of February 2026

Contact info: +94774526520 || +94114216868 |

Info@ecoastronomy.edu.lk | hr.ecoastronomy@gmail.com

Guidelines for Course Registration

පෞරුෂ තාරකා විද්‍යා ආයතනය ශ්‍රී ලංකාවේ ලියාපදිංචි [අධ්‍යාපන හා පර්යේෂණ] පුද්ගලික ආයතනයක් වේ. අප ආයතනය අන්තර්ජාතික තලයේ ආයතන සමඟ නිල වශයෙන් ජීව තාරකා විද්‍යාව හා ලොසිල විද්‍යාව ආශ්‍රිත පර්යේෂණ කටයුතු සඳහාද සම්බන්ධ වී ඇත [[CLICK HERE](#) & Check partnership network]. ශ්‍රී ලංකාව තුල හමුවන ලොසිල සාධක 500කට වැඩි ප්‍රමාණයක් දැනට අප ආයතනය හරහා සංරක්ෂණය කර ඇත. එයින් කොටසක් Fossils of Sri Lanka Chapter Sabaragamuwa Basin යනුවෙන් ප්‍රකාශයට පත්කර ඇති අතර නොමිලේ බාගත කර හැකිය. [[Book Download](#)]. ලොසිල හා ආන්තරික තත්ත්ව අධ්‍යනය හරහා පෘථිවිය මත අදිකාලීන ජීවය හා පෘථිවියෙන් පරිබාහිර ජීවය සම්බන්ධ තොරතුරු ගවේෂණයට කරුණු අනාවරනය කරගත හැකිය. අප ආයතනය නිර්මාණය කල [Mars Regolith Simulant](#), ඇමරිකාවේ [Mars Society](#)- [MDRS](#) හා protoplanet India යන පර්යේෂණ ආයතන සඳහා ලබා දී ඇත. Video Resource: Eco Astronomy Inc. & The Mars Society Discussion [[CLICK HERE](#)]. Eco Astronomy Inc ආයතනය ගෝලීය පර්යේෂණ හඳුනාගැනීමේ ආයතන වන [Global Research Identifier Database / Research organization registry](#) හි ලේඛනගත ආයතනයක් වේ. ලියාපදිංචියට පෙර අප ආයතනයට සම්බන්ධ විද්‍යාඥයින් විසින් සිදුකරන ලද දේශන මෙම යොමුව හරහා ඔබට දැකබලා ගත හැකිය. [[CLICK HERE](#)]. මෙම විෂය ශ්‍රී ලංකාව තුල නිවැරදි ආකාරයෙන් ප්‍රවලිත කිරීමේ අරමුණින් අදාල පාඨමාලාව ශ්‍රී ලංකාව තුල ක්‍රියාත්මක කරන අතර අටවන කණ්ඩායම සඳහා ලියාපදිංචියට විවෘත වේ.

අදාල විෂයට උනන්දුවක් දක්වන වයස අවුරුදු 8 -35 අතර ඕනෑම අයෙකුට මේ සඳහා සම්බන්ධ විය හැකිය. අදාල වයස් සීමාව තුල ඔබ නොමැතිනම් පහත සඳහන් දුරකථන අංක වලට අමතා උපදෙස් පිළිපදින්න. මෙම පාඨමාලාවේ සම්පූර්ණ කාලය මාස 3 ක් වන අතර පාඨමාලා ගාස්තු කොටස් වශයෙන් ගෙවීම සිදුකළ හැකිය. සියළුම දේශන ඉංග්‍රීසි මාධ්‍යන් පමණක් ක්‍රියාත්මක වේ. වැඩිදුර තොරතුරු සඳහා Information Sheet බාගත කරන්න. පාඨමාලාව පිළිබඳ සරළ අවබෝධයක් ලබාගැනීමට පෙර සිසුන්ගේ ක්‍රියාකරකම් වෙත පිවිසෙන්න[[Click Here](#)]. පෙර පැවති දේශන පිළිබඳ අවබෝධක් ලබාගැනීම සඳහා [[Click Here](#)]

Notice: විශ්ව විද්‍යාලවිද්‍යාල සිසුන් සඳහා පමණක් වන YSP Project or Eco Astronomy Internship පහසුකම ලබාදෙන අතර සම්බන්ධ තොරතුරු මෙම පාඨමාලාව ආරම්භයේදී ලබාගත හැකිය.

[Eco Astronomy Inc.](#) stands as Sri Lanka's best multidisciplinary astronomical research institution, dedicated to pioneering exploration at the nexus of astrobiology and paleontology. We foster and maintain official international collaborations, positioning Sri Lanka on the global map of cutting-edge

scientific research. A core pillar of our mission is the conservation of our nation's natural heritage [[Check Space Vrse partnership network](#)] . We are the proud custodians of a significant collection of over 500 fossil specimens discovered within Sri Lanka, ensuring their preservation for future scientific study. [[Download Book](#)] Our innovative contributions extend to space exploration research. We have developed a proprietary [Mars Regolith Simulant](#), a high-fidelity analog of Martian soil. This critical resource is already in use by leading international organizations, including The Mars Society (MDRS) in the United States and Proto Planet in India. Eco Astronomy Inc. is a recognized research entity, officially listed within the [Global Research Identifier Database \(GRID\) / Research Organization Registry \(ROR\)](#).

Committed to cultivating the next generation of scientific pioneers, Eco Astronomy Inc. is pleased to announce that registration is now open for the seventh batch of our foundational course. This immersive 3-month program, conducted entirely in English, is designed for passionate individuals aged 8 to 35. To ensure accessibility, flexible installment plans are available for course fees.

1.Importance of Studying Astrobiology and Paleontology

Astrobiology and paleontology are two interconnected scientific disciplines that contribute to our understanding of life's origins, evolution, and potential existence beyond Earth. Astrobiology investigates the conditions necessary for life to emerge and persist in the universe, examining planetary habitability, biosignatures, and extremophiles as analogs for extraterrestrial life. Meanwhile, paleontology focuses on Earth's fossil record, reconstructing the history of life and the environmental factors that shaped its development over billions of years.

The study of astrobiology is essential for assessing the possibility of life beyond Earth, guiding space exploration missions, and refining our understanding of planetary systems and their potential for habitability. It integrates knowledge from biology, chemistry, planetary science, and astronomy to explore fundamental questions about life's existence elsewhere in the cosmos. Similarly, paleontology provides critical insights into the history of life on Earth, revealing patterns of evolution, mass extinctions, and survival strategies that inform our search for life in extreme environments, both on our planet and on other celestial bodies.

By combining insights from both fields, scientists can develop models to predict where and how life might exist beyond Earth. Studying ancient microbial fossils, such as stromatolites, helps refine techniques for identifying biosignatures on Mars and icy moons like Europa and Enceladus. Understanding past extinction events on Earth also aids in recognizing planetary conditions that may be conducive or hostile to sustaining life elsewhere.

Overall, the interdisciplinary study of astrobiology and paleontology enhances our knowledge of life's potential in the universe while deepening our appreciation for Earth's biological history. As space exploration advances, these fields will continue to play a crucial role in answering fundamental questions about our place in the cosmos.

Therefore, The Online Certificate Course in Astrobiology and Paleontology, introduced by Eco Astronomy Inc. - International Hub, aims to enhance awareness and outreach in the fields of Astrobiology and Paleontology across Planet Earth. This interdisciplinary program integrates principles of paleontology, geology, and astrobiology, fostering a comprehensive understanding of Earth's biological and geological past while exploring extraterrestrial environments for signs of life.

Course Modules (Curriculum Outline)

1. History and Theoretical Foundations of Paleontology and Geology | Multidisciplinary applications of Astronomy and Space Science Part 01
2. Introduction to Astrobiology and its Intersection with Paleontology | Multidisciplinary applications of Astronomy and Space Science Part 02,03
3. Fossils, Fossilization, and Preservation Methods (Part 1 & Part 2) Geology of Mars and Landscape Traces.
4. Fossil Preservation in Planet Earth – Examining the region’s unique fossil records and their significance in evolutionary studies.
5. Fossils, Minerals, and Commercial Applications – Assessing the economic and scientific value of fossils and minerals in industry and research.
6. Advanced Analysis of Invertebrate and Ichnological Fossils – Studying trace fossils and their implications for understanding ancient ecosystems.
7. Special Astrobiology Lecture: Analog Studies & Planetary Geology (Part 1 & Part 2) – Reviewing terrestrial analog environments that simulate extraterrestrial conditions.
8. Biotechnology Beyond Earth: Innovations for Space Exploration – Exploring biotechnological advancements supporting life and resource utilization in space.
9. Introduction to Meteorite, Mineral, and Rock Identification – Learning techniques for recognizing extraterrestrial and terrestrial geological materials.
10. Astro-ecology and Earth Observation from Space – Analyzing Earth’s biosphere through remote sensing and space-based environmental monitoring.
11. Universe, Start formation and elementary support for the life. Part 01, Part 02, Part 03
12. Earth Mars Analogies and fundamentals of Planetary Geology. D01, D02, D03, D04,

3.The Online Certificate Course in Astrobiology and Paleontology (Batch 08) is designed to provide in-depth knowledge in these domains through expert-led lectures. This program is conducted by an international research team of scientists affiliated with the Eco Astronomy Inc. (SL) Research Hub, an institution dedicated to advancing scientific understanding of extraterrestrial environments and ancient life forms on Earth [([Check for Scientists](#))

4. This specialized certificate course is designed for students aged 8 to 35 who have a strong interest in scientific discovery. Tailored for beginners, the program introduces fundamental concepts, fostering curiosity about the search for extraterrestrial life and the fossil record of ancient organisms.

To ensure a focused and interactive learning experience, only the first 20 applicants will be selected. Interested candidates are encouraged to register at the earliest. **Registration Deadline: 26th of February, 2026.**

5. Upon successful registration for the course, the following guidelines must be adhered to in order to ensure timely completion as per the scheduled timeline.

1. A minimum of 80% attendance is required for course lectures.
2. Completion of a short assignments report in accordance with the instructions provided by the course coordinator. [20% \[A\]](#)
3. Completed the PowerPoint presentation in accordance with the guidelines provided by the course coordinator. [20% \[B\]](#)
4. Using AI/ML for Space Biology Research | Open Science Data Repository by NASA [20% \[C- Not compulsory\]](#)
5. Completion of the open-book test as the final online examination. [20 % \[E\]](#)

6. Once you have completed all the segments, your certificate will be delivered to you via courier service. Additionally, you may request an electronic transcript of your examination marks.

7. The Orientation Program for your upcoming course will take place on **28th of February 2026, from 4:00 PM to 6:00 PM Sri Lankan Time**. During this session, we will provide further details about the course, as well as engage in practical activities related to the content. As the course will be conducted via the Microsoft Teams platform, we kindly request that you ensure the Microsoft Teams application is installed on your computer or smartphone prior to the session. Additionally, please make sure you complete the necessary basic logins to facilitate a smooth participation experience. This course will be conducted every Saturday from 4:00 PM to 6:00 PM, spanning a duration of five months.

Course Fee

Included - Tuition Fee, Examination Fee, Practical fee. Certification fee]

Full course Payment: 15,000 LKR

Option 01: One time Pay: The course fee is [15,000LKR]

Option 02: If you are unable to make the full payment upfront, you have the option to pay in installments. The total fee can be divided into 3 stages:

- **1st Installment:** 5,500LKR (to be paid before **February 26, 2026**)
- **2nd Installment:** 5,500 LKR (to be paid before **March 19, 2026**)
- **3rd Installment:** 5,500 LKR (to be paid before **April 20, 2026**)

Process Of Registration

1. [Submit your birth certificate to +94774526520 and request a course permission code.](#)

2. Finalize the first installment and Join the LMS of Course. [Adeepa Nisal | Technical Assistant - +94774526520]

Important Note: Before proceeding with registration, all applicants must contact **Ms. Nethumi Ayodhya (Course Assistant - +94774526520)** to request a **course permission code**. Failure to do so may result in ineligibility for enrollment.

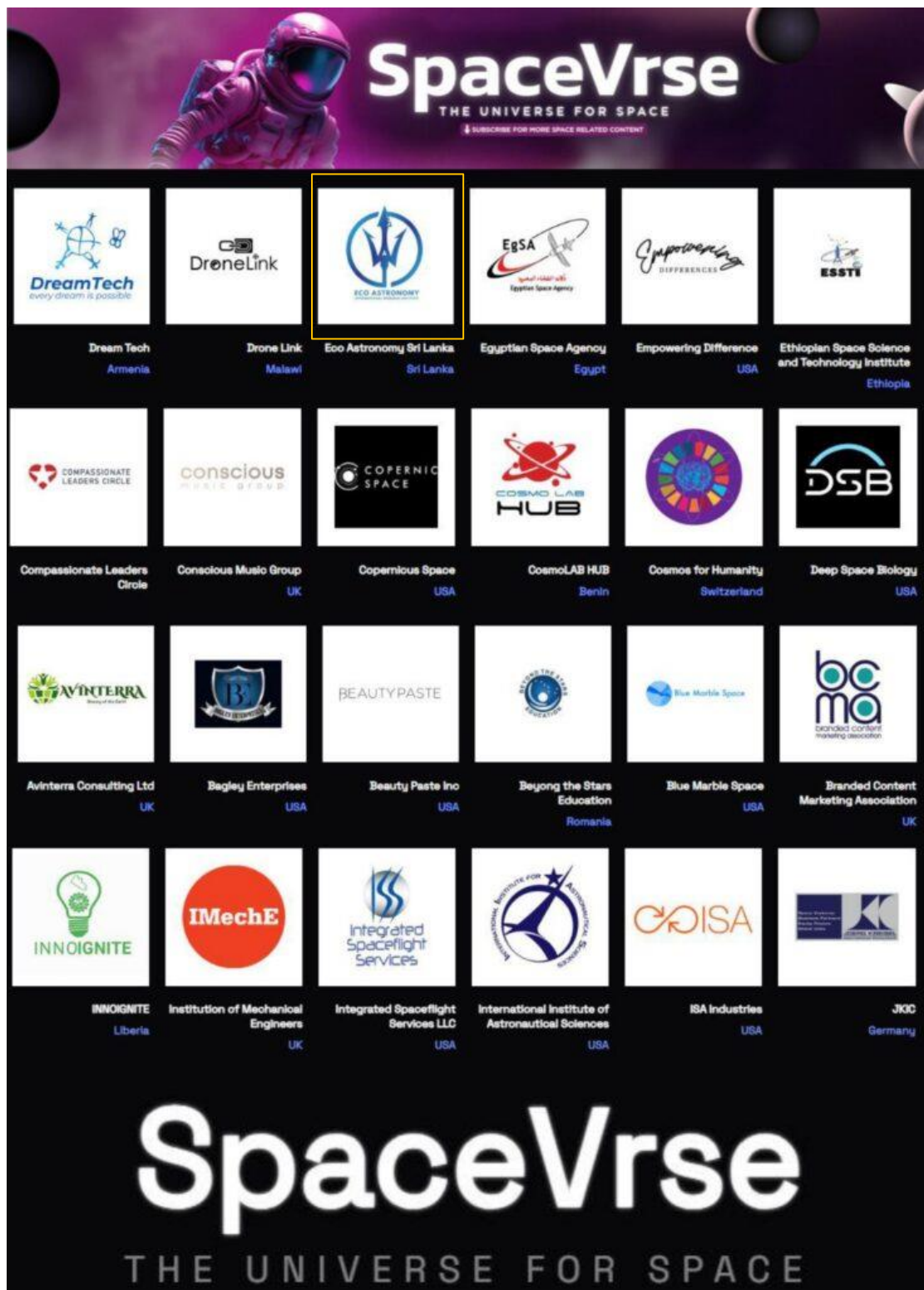
ලියාපදිංචිවීම සඳහා ඔබගේ උප්පැත්ත සහතිකයේ / ඡාතික හැඳුනුම් පතේ පිටපතක් මෙම whatsapp අංකයට යොමුකරන්න [0774526520]. දුරකතන අංකයට 0774526520 අමතා උපදෙස් පිළිපදින්න. පාඨමාලා කේතය ලබාදුන් පසු ඔබට ලියාපදිංචි විය හැකිය. අදාල ලේඛණ හෝ පාඨමාලා කේතය ලබාගැනීමට පෙර පාඨමාලා ගාස්තුව නොගෙවිය යුතුය. සියළු කටයුතු සම්පූර්ණ කළ පසු මුදල් බැරකළ පත්‍රිකාවේ පිටපතක් පහත පෝරමයට ඇතුල් කර අයදුම්පත්‍රය පුරවන්න.

Institution Name and Account Number:

Eco Astronomy Inc | ACC NO: 030020367322 | Hatton National Bank PLC

Contact info: +94774526520 | | +94114216868 |

Info@ecoastronomy.edu.lk | hr.ecoastronomy@gmail.com

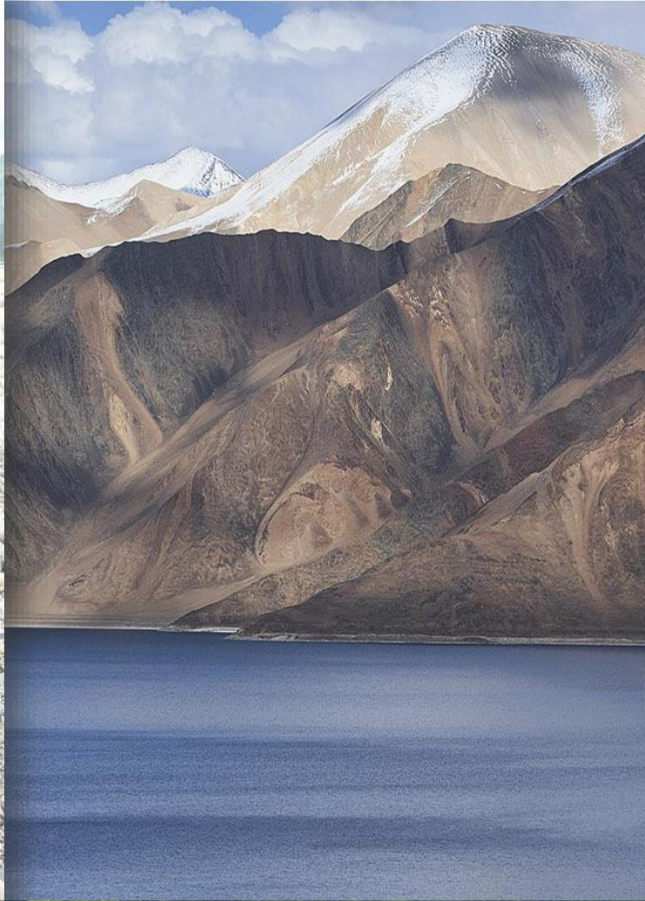


CONGRATULATIONS



2023WCF青年论坛
2023 WCF Youth Forum

AN ICONIC ECOLOGICAL ENGINEER OF ECO ASTRONOMY INC
Multidisciplinary Astronomy Awareness and outreach programs



EARTH MARS ANALOGIES

PALEONTOLOGICAL EXPLORATION



MARS LAB | ECO ASTRONOMY INC | MADE IN SRI LANKA

ARTIFICIAL REGOLITH OF MARS



NOW AVAILABLE WITH **MARS DESERT RESEARCH STATION | USA**



Project SPACE LIFE | ECO ASTRONOMY INC

Dr. Eleonore Poli

Human Analogue | Space Mission



ASTROBIOLOGY | TRACES | LIFE | ECO ASTRONOMY | PLANETARY GEOLOGY



The Voice of the Mission

Ambassador Directory

Mission Statement

The Mars Society Ambassador Program is designed to serve as a professional team of people dedicated to elevating public awareness of our mission to land humans on Mars within this decade and begin settling the red planet.



The Mars Society
www.MarsSociety.org

Mars Society Ambassadors Are Catalysts for Change

—James Melton, PhD

OUR STORY

In the dark stillness of the night, zero four hundred hours a Zoom link is clicked in Pakistan. N reaches for his notepad for the call. Simultaneously, in Australia, at 0700 hours at dawn, Jonathan is ready for work, but before leaving, he clicks on the Zoom link. In the United Kingdom, at 10 PM, Emma and Steve join in. At 4:00 PM in Austin and San Antonio John and Ron are ready. Click, click, click around the world, every time zone.

Suddenly our Zoom link goes live: "Welcome to the Mars Society Ambassador Briefing. It's 5 PM Pacific Time. I'm James Melton, Chief Ambassador for the Mars Society. The Mars Society Ambassador program serves as a professional team of volunteers, Mars Ambassadors, dedicated to elevating public awareness of our mission to send humans to Mars and begin settling the Planet. To help move this initiative forward, *this is your invitation to [join the Mars Society Ambassadors](#).*



Photo montage designed by Michael Stoltz, Mars Society Public Relations Director

Our Mars Society monthly virtual meetings are one-hour programs where Mars Society Ambassadors interact with and support other Ambassadors, sharing stories of events they organized or attended; chapter meetings, the people they met, and insights they gained from their presentations. Guest speakers share current space endeavors and events relating to Mars. Our Mars Society currently has 42 Ambassadors in 17 countries around our home planet. Participating ambassadors are encouraged to join in monthly meetings to connect with, learn, and share their experiences in Mars advocacy.

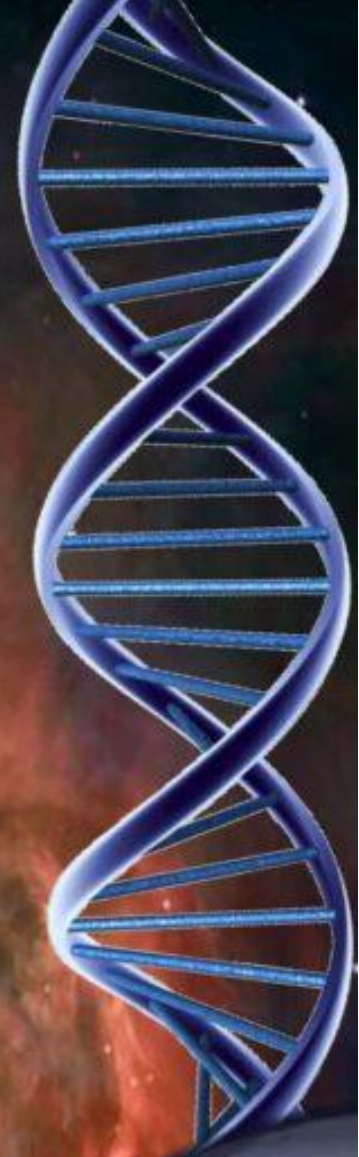
<https://www.marssociety.org/mars-ambassador-program/>



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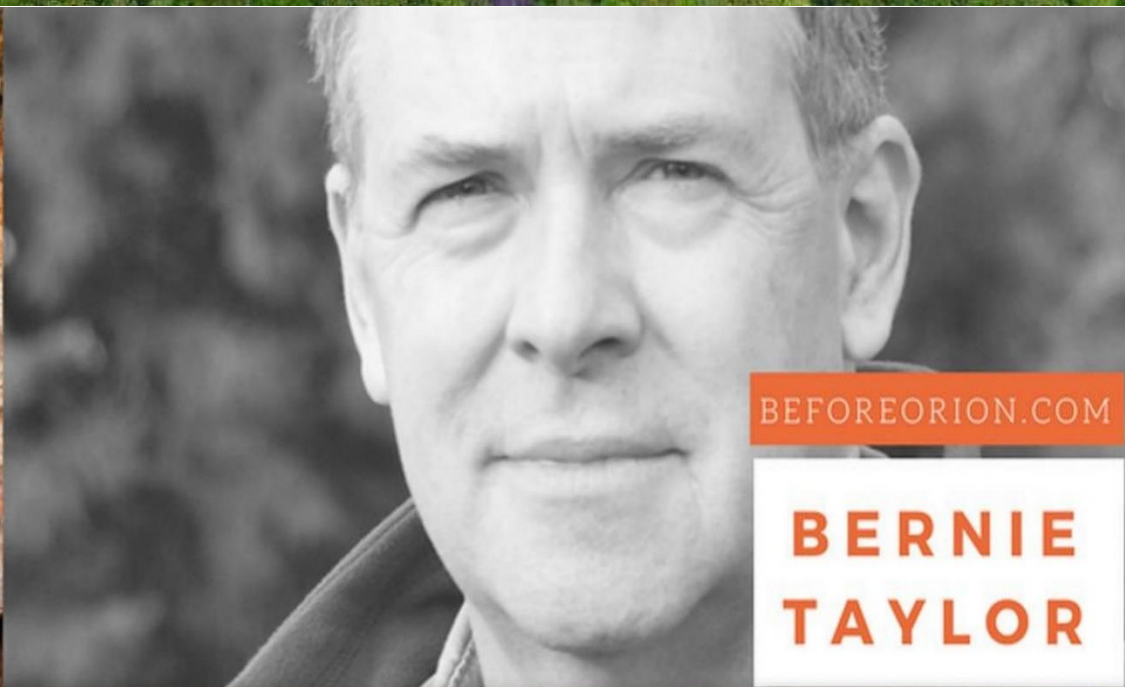
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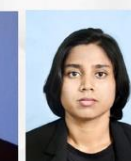
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