

Civil Aviation Agency of Uzbekistan

United for a Greener Future:
Together, We Can Transform the
Climate for the Better.

Contact details

✉ icao@uzcaa.uz

☎ +998 93 5845-67



Akba Baltahodjaev
Coordination of CORSIA

Welcome to the seminar

- We are honored to welcome you to Samarkand, a city renowned for its rich history. Since ancient times, its people have lived in harmony with nature, carefully preserving the environment.



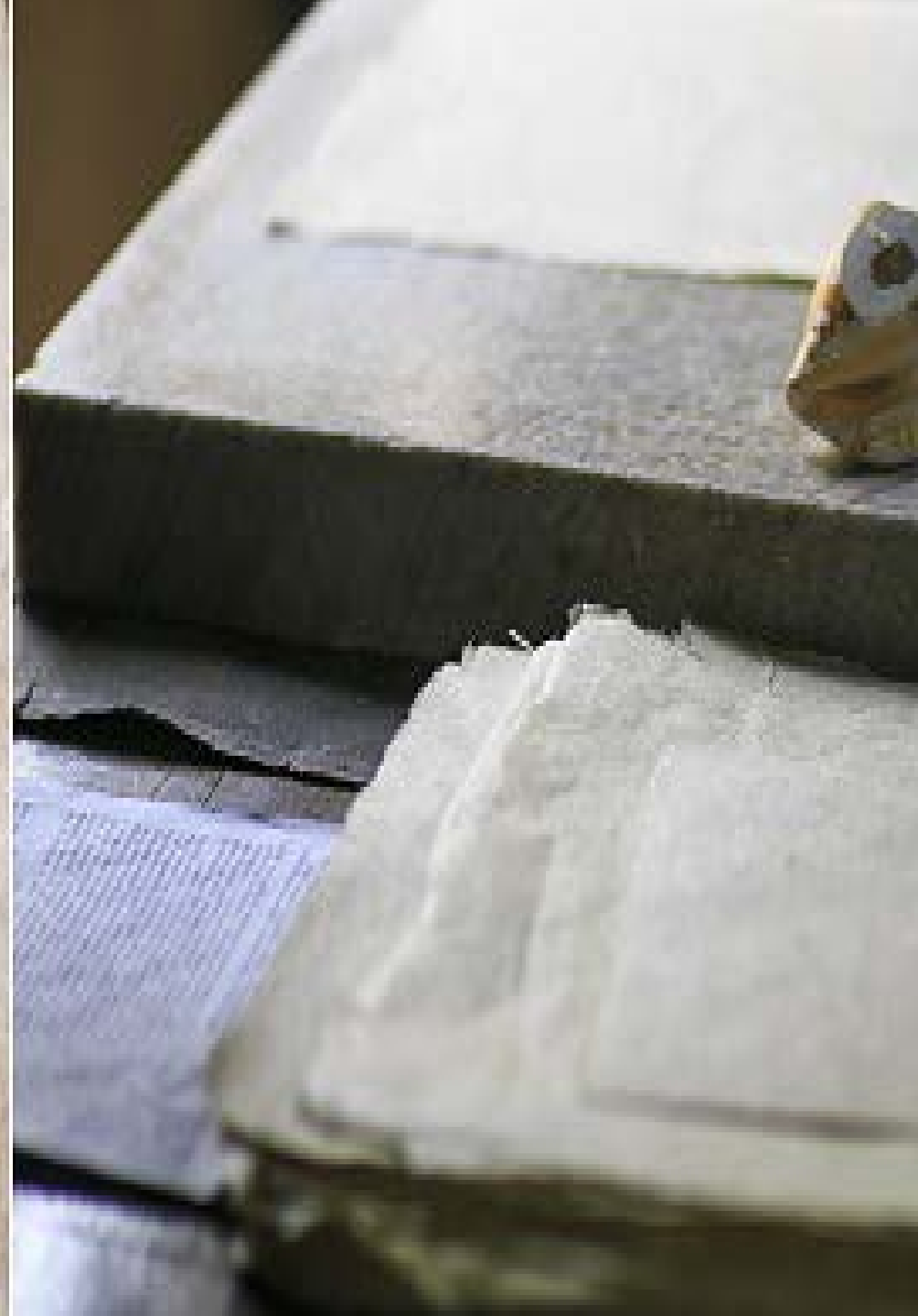
Ecological Traditions of the Past

- The residents of Samarkand always used natural resources wisely, employing friendly methods in all aspects of life. This includes construction, household production, and more, reflected in the ancient structures that stand to this day.



Natural Methods and Examples

- A notable example is the production of paper from mulberry trees and the use of natural paints in decorating Samarkand's buildings. These ancient techniques helped maintain balance with nature.



Modern Ecology

- In recent decades, ecological practices have shifted, and environmental protection has become a global priority. Carbon dioxide (CO₂) emissions trap heat in the atmosphere, leading to climate warming, which in turn causes floods, rising sea levels, biodiversity loss, and wildfires.





Aviation's Impact on the Climate

- Aviation relies heavily on fossil fuels like kerosene, making it one of the most carbon intensive forms of transportation. Each flight contributes to CO₂ emissions and other pollutants further accelerating global warming



Current Policies and Regulations

- One of the most effective steps to reduce aviation emissions today is following the ICAO CORSIA program. This initiative offsets carbon emissions by purchasing carbon credits and supporting environmental projects



New Challenges and Perspectives

- While electric airplanes and synthetic fuels are still in development, we must actively minimize emissions by participating in ICAO programs, ensuring we protect nature for future generations

An aerial photograph of a dense, lush green forest. A winding river or stream flows through the center of the forest, creating a path of lighter green and blue. The trees are thick and vibrant, filling the entire frame. The lighting is soft, suggesting a misty or overcast day.

Thank you for your attention!