

# Kuzma Kirillovich Tereshchenko - A Hidden Ichthyologist and His Mathematics

*Takaaki Iwai*

**18:00-19:00 (BST), Wednesday 16th April**

**Join in-person:**

**School V, United College,  
University of St Andrews**

St Salvator's Quad

North Street

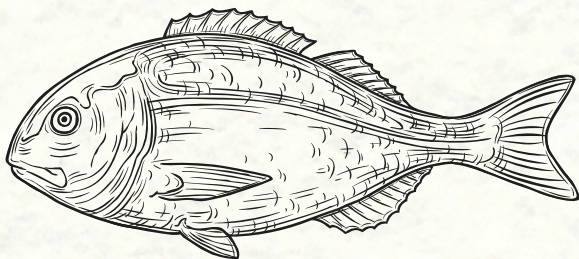
St Andrews

KY16 9AL

**Join online:**

Meeting ID: 354 669 426 339

Passcode: 8Kf2Hj9A



Fisheries are internationally crucial in food supply, so it is important to understand the origin of mathematical models used in the field. Kuzma Kirillovich Tereshchenko (1893-1930), who had a career background in politics, published a paper on bream (*Abramis brama*) population in 1917. This influenced famous *On the Question of the Biological Basis of Fisheries* (1918) by Fedor Ilyich Baranov (1886-1965) which is considered as the first theoretical mathematical model in fisheries. However, unlike Baranov, Tereshchenko is rarely discussed in the Western world. This talk will explore Tereshchenko and his unsung contribution to mathematics in fishery science.