

**IEEE South Saskatchewan Section
and
Faculty of Engineering and Applied Science, University of Regina,
are pleased to invite you to the presentation:**

Case Study: Sayano Shushenskaya Hydroelectric Disaster

When: Wednesday, June 07, 2023

Time: 12 – 1 pm (Regina Time)

Where: ED 314, Education Building, University of Regina

Free Mandatory Registration: <https://events.vtools.ieee.org/m/359453>

There is no cost, and all are welcome and invited to attend!!

Abstract: The Sayano-Shushenskaya hydroelectric power station disaster is considered one of the worst engineering disasters in modern history. On August 17, 2009, one of the hydroelectric turbines at the power station exploded, causing a catastrophic failure that led to the flooding of the turbine hall and the deaths of 75 people. The disaster caused extensive damage to the power station and the surrounding environment, resulting in a loss of power generation capacity and significant economic and environmental impacts. The case study examines possible causes of the disaster, including the inadequate maintenance and management of the power station, as well as the response and recovery efforts. The case study highlights the importance of effective risk management and maintenance practices in preventing disasters and minimizing their impact.

Speaker's Bio: Wayne Timm (P.Eng.) has had a remarkable 40-year career with SaskPower, working in various roles related to electrical engineering and power generation, and currently holds the position of Principal Engineer in the Generation Technical Services Department in Regina. Wayne Timm has received 2023 APEGS Outstanding Achievement Award. In addition to his career accomplishments, Wayne has been an active member of the Institute of Electrical and Electronics Engineers (IEEE). He has also been involved in IEEE standards development and balloting and has also served in various positions within community.



For any questions regarding this event, please contact Moeed Shamim at moeed@ieee.org