

# Making waves in the world

Attila Komjathy (PHD '97), a NASA senior research scientist and principal investigator is using GPS for an entirely new application to track and monitor tsunamis.

In the early days of his dissertation research at UNB, specifically his time working with Engineering professor Richard B. Langley, kindled his interest in the research of different uses for GPS.

“My ultimate goal is to use GPS technology to detect ionospheric signatures caused by tsunamis in real time so people in affected areas may be alerted even before the tsunami reaches them,” says Dr. Komjathy.

This technology will be immensely beneficial to coastal communities in the path of the tsunami.

He credits UNB and Prof. Langley for helping him achieve success.

“UNB’s great facilities, student life, nurturing atmosphere, and learning environment all contributed tremendously to the significant achievements in my professional life. In addition, the breadth and quality of research conducted by Dr. Langley and his group always amazed and inspired me to reach higher,” says Dr. Komjathy. 🌊