## Research directions of the Department of Statistics and Informatics

Probability & Bayesian Statistics

**Statistical Estimation Theory** 

**Applied Statistics** 

Applications of Artificial Intelligence and Machine Learning

Statistical Modeling in Environmental Science and Climate Change

Big Data Analysis Using Modern Statistical Methods

Statistics in Biomedicine and Epidemiology

Applications of Statistics in Econometrics

Nonparametric Distribution Methods and Their Role in Statistical Analysis

Analysis of Time Series

Analysis of Stochastic Models

Predictive Analysis Using Modern Bayesian Models

Handling Imbalanced Data in Statistical Classification

**Spatial Statistical Analysis**