December 7, 2015

Kim Barrett, Dean

Graduate Division

Student Services Center, 4th Floor

UC San Diego

La Jolla, CA 92093-0003

Dear Dean Barrett:

We request permission for Hao Ye to use the following publications in his doctoral dissertation thesis. Mr. Ye was the principal researcher and author on these papers.

Hao Ye, Richard J. Beamish, Sarah M. Glaser, Sue C. H. Grant, Chih-hao Hsieh, Laura J. Richards, Jon T. Schnute, and George Sugihara. “Equation-free mechanistic ecosystem forecasting using empirical dynamic modeling.” PNAS 112 (13): E1569-E1576 (2015).

Hao Ye, Ethan R. Deyle, Luis J. Gilarranz, and George Sugihara. “Distinguishing time-delayed causal interactions using convergent cross mapping.” Scientific Reports 5: 14750 (2015).

We request permission for Hao Ye to use material currently being prepared for submission to publication. Mr. Ye was the principal researcher and author on these papers.

Hao Ye and George Sugihara. “Apparent regime shifts or nonlinear state-dependence: Environmental drivers of Fraser River sockeye salmon recruitment.”

Hao Ye and George Sugihara. “Complexity is not a curse: leveraging information in interconnected systems.”

Hao Ye, Adam T. Clark, and Ethan R. Deyle. “rEDM: A package for empirical dynamic modeling based on attractor reconstruction.”

Signed,

Professor George Sugihara Hao Ye

Committee Chair