

### **Malin Song Statements in Support of Dissertation:**

#### **Statistical analysis of environmental protection and economic growth in China**

1. The disparities in environmental degradation in China, across regions and industries are due to the uneven degree of regional development, management practices, and industrial upgrading.
2. The improvement of environmental efficiency can help save energy and does not cause a rebound effect.
3. There is a relatively low but increasing degree of coordinated development between environmental protection and manufacturing industries.
4. Environmental regulation played a significant role in reducing emissions of pollutants from Chinese industry, and its effectiveness varied across different regions and sectors due to different environmental management practices.
5. Environmental regulation has a negative effect on employment when the impact of the foreign direct investment is considered; the strengthening of regulation intensity limits the foreign direct investment, and subsequently reduces employment.
6. Central government should change the performance examination manner imposed on local officials and incorporate environmental protection in local officials' objective function.
7. Although the management systems for environmental protection have been established, parts of which are not well implemented.
8. The combination of government regulation and public participation is an effective way of environmental protection.
9. For further environmental protection, China should learn advanced technology and management experience from developed countries.
10. The development of recycling economy is a key solution to the problems for both economic growth and environmental protection.
11. The farthest distance in the world is not life and death but being unable to see each other's face while holding hands.