

3. phosphorus sources and forms;
4. nutrient conditions and biological responses in the Great Lakes;
5. adverse effects from excessive inputs of phosphorus;
6. the influence of climate change on nutrient inputs to the Waters of the Great Lakes and the formation of algae and other emerging issues related to nutrients;
7. non-point source phosphorus control methods;
8. the use of objectives and targets based on soluble reactive phosphorus (or bioavailable phosphorus), or use of surrogate measures; and
9. improved technologies and management practices.

The Parties shall do the following to maximize the effectiveness of the scientific activities referred to in this Annex:

1. establish and regularly review and revise binational priorities for nutrient science; and
2. collect and share binational monitoring data and other scientific information related to nutrients in the Waters of the Great Lakes.

#### **F. Reporting**

The Parties shall report on progress toward implementation of this Annex every three years through the Progress Report of the Parties. This report shall document:

1. Lake Ecosystem Objectives and Substance Objectives;
2. implementation of the binational strategies and domestic action plans;
3. changes in phosphorus loading and concentrations; and