

SCIENCE BULLETIN: BRONX RIVER RESTORATION	
Questions	Bronx River
<p>1. How did people change the <b>abiotic</b> factors in the Bronx River?</p>	<p>People have added <b>pollutants (abiotic)</b> to the River, but they have mostly changed the <b>biotic</b> factors, which have in turned changed the abiotic conditions of the River. They have added <b>invasive species, &amp; destroyed habitats</b> through development (<b>concrete factories, subways, etc</b>)</p>
<p>2. What <b>abiotic</b> factor are people <b>adding</b> to the Bronx River to restore its <b>oyster</b> populations?</p> <p>Use the terms abiotic and biotic factors in your answer.</p>	<p>Oyster <b>habitat structures (abiotic)</b> are added to give the <b>oysters (biotic)</b> a place to grow and to create new populations, which not only benefit the oysters, but other organisms because the oysters filter the water of pollutants.</p>
<p>3. How do people know what to do to restore the river?</p> <p>Describe the <b>evidence</b> or <b>data</b> people used to determine how to restore the river.</p>	<p><b>Historical maps</b> of the neighborhoods that surround the Bronx River. <b>Water and soil testing</b> for pollutants, and <b>surveys</b> to gauge what organisms live in and around the river.</p>
<p>4. Why did people change the Bronx River in the past?</p> <p>Why are people restoring it now?</p>	<p>People changed the River because in the short term it helped us. People did not think or worry about where pollution and garbage flowed. Today, people want to enjoy the River by using parks and watching the wildlife near the River. They also feel responsibility to protect Earth's other living organisms.</p>