

Exercise 1. Match the synonyms from A to B

A	B
1. to determine	a). to indicate
2. to estimate	b). probability
3. to show	c). debate
4. framework	d). danger
5. likelihood	e). to evaluate
6. argument	f). to affect
7. pollutant	g). to define
8. to influence	h). scheme
9. hazard	i). contaminant

Exercise 2. Fill in the necessary preposition

1. The purpose of exposure assessment is to estimate spatial and temporal distribution of exposure ... the contaminants.
2. Ecological risk assessment was derived ... the experience in human health risk assessment.
3. Risk assessment and risk management may lead ... great arguments.
4. Site remediation is much ... to us!
5. Risk management takes ... account legal, technological, and financial issues in addition to risk assessment.
6. Usually the environmental decisions are made ... conditions of uncertainty and likelihood.
7. Exposure assessment phase consists ... measures of exposure, exposure analysis, and exposure profile.
8. The aim of exposure measures is to determine the nature, distribution, and the amount of waste components ... the point of potential contact with receptors.

Exercise 3. Complete the sentences translating the Russian words

1. Assessment endpoint means determination of the environmental values to be protected (в оперативные сроки).
2. We cannot be (совершенно уверены) how biologically modified substances may affect us.
3. It (зависит от) manufactures to prove that the goods they produce are not harmful.
4. The risk manager learns the results of risk analysis and (принимает решение).
5. Using risk characterization we try to determine the percentage of people (подвергающихся риску).
6. In the stage of exposure assessment specialists evaluate the intensity, duration, and frequency of people's (воздействие) a particular chemical pollutant.

7. Developing the conceptual model ecologists describe (гипотетическое соотношение) between the wastes and the endpoint receptors.

Exercise 4. Match the collocations, compose your own sentences with one of them.

A	B
1. To take	a). decision
2. to make	b). account
3. to take into	c). environment
4. to perform	d). pollutant
5. to protect	e). measures
6. to expose to	f). analysis

Exercise 5. Match the stages and the appropriate actions of risk assessment

Stages	Actions
Problem formulation	a). technical evaluation of data on exposure and effect, figuring out whether and how the dose of a contaminant will affect human health and environment.
Dose-response analysis	b). determination of the percentage of population at risk and probability of an individual suffering ill effects.
Exposure assessment	c). Making scientific conclusion and decision on actions for minimizing health problems related to exposure to pollutants or toxins.
Risk characterization	d). assembling and summarizing data, definition of the environmental values to be protected, description of hypothesized relationships between the wastes and the receptor, development of plan
Risk management	e). evaluation of intensity, duration, and frequency of human exposure to pollutants or toxins.