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Module 02: Land Use

Urban EcoLab

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Decisions Cards

Center for Urban Resilience

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Decision Card Number <i>D1</i>	Potential Score
<p>There are several open spaces near the river that a developer has requested be developed and be transformed into housing and retail shopping. At a council meeting the people of your city encouraged you to vote one of two ways</p> <ul style="list-style-type: none"> (A) zone the area allow low-income housing to be built there which is very much needed in your city (B) zone the area as protected green space (C) zone the area to allow for apartment and condominium complexes with shopping on the lower levels 	<ul style="list-style-type: none"> (A) Add 1 to economic score , Add 2 to social score, Remove 3 from ecological score (B) Remove 2 from economic score, Add 1 to social score, Add 1 to ecological score (C) Add 3 to economic score, Add 0 to social score, Remove 3 from ecological score

Decisions Card Number <i>D2</i>	Potential Score
<p>The city’s traffic situation is quite bad and the city is considering a new public transportation system. The problem is that to build the transportation system the city has to build the transit system through a major city park. You have been asked to support one of the following alternatives</p> <ul style="list-style-type: none"> (A) Allow the city to build the transit system (B) Vote against the building of the system (C) Suggest that the city conduct more study on the ecological impact of the system 	<ul style="list-style-type: none"> (A) Remove 3 from economic score, Remove 1 from social score, Add 4 to ecological score (B) Add 2 to economic score, Add 1 to social score, Remove 3 from ecological score (C) Remove 1 from economic score, Add 2 to social score, Remove 1 from ecological score

Decision Card Number <i>D3</i>	Potential Score
<p>Your city is making decisions about where to encourage people to live. You have been asked to support one of the following proposals.</p> <ul style="list-style-type: none"> (A) Choose high density housing (B) Emphasize low density housing with more single family housing (C) Encourage the development of houses with yards and green space around them 	<ul style="list-style-type: none"> (A) Add 1 to economic score, Add 1 to social score, Remove 2 from ecological score (B) Remove 2 from economic score, Add 1 to social score, Add 1 to ecological score (C) Add 2 to economic score, Add 1 to social score, Remove 3 from ecological score

Decision Card Number <i>D4</i>	Potential Score
<p>Your city is looking toward the future. Your city needs to make decisions about how to use the available space within your city there are 50 acres of brownfields (which are undeveloped vacant lots)</p> <ul style="list-style-type: none"> (A) Develop most of the brownfields for housing and retail development (B) Develop a few of the brownfields for housing but leave most of the undeveloped (C) Develop a few of the brownfields for housing and convert the remaining ones into functional public parks 	<ul style="list-style-type: none"> (A) Add 2 to economic score, Add 0 to social score, Remove 2 from ecological score (B) Remove 2 to economic score, Add 1 to social score, Add 1 to ecological score (C) Remove 3 from economic score, Add 1 to social score, Add 2 to ecological score.

Decision Card Number <i>D5</i>	Potential Score
<p>Your city is looking toward the future. Your city is making decisions about where to encourage people to live.</p> <ul style="list-style-type: none"> (A) Encourage development near the city’s center (B) Encourage development evenly throughout the city (C) Encourage development near the edges of the city 	<ul style="list-style-type: none"> (A) Add 1 to economic score, Add 1 to social score, Remove 2 from ecological score (B) Add 1 to economic score, Add 1 to social score, Remove 2 to ecological score (C) Add 3 to economic score, Remove 2 from social score, Remove 1 from ecological score

Decision Card Number <i>D6</i>	Potential Score
<p>Your city is rapidly growing. You need to invest in new infrastructure. There are several proposals that have been put forth and you must vote for one. The proposals are:</p> <ul style="list-style-type: none"> (A) Fund programs that go towards road construction and upgrades. Alternative methods of transportation will not be promoted (B) Fund programs that split between roads and public transit, maintaining the current levels of promotion for alternative public transportation approaches such as buses. (C) Move most funds into the development of public transportation system such as train and bus. 	<ul style="list-style-type: none"> (A) Add 3 to economic score, Remove 1 from social score, Remove 2 from ecological score (B) Add 1 to economic score, Remove 2 from social score, Add 1 to ecological score (C) Remove 1 from economic score, Remove 1 from social score, Add 2 to ecological score

Decision Card Number <i>D7</i>	Potential Score
<p>Your city is looking toward the future. Your city is making decisions about where to encourage people to live.</p> <p>(A) Choose high density housing (B) Emphasize low density housing with more single family housing (C) Encourage the development of houses with yards and green space around them</p>	<p>(A) Add 1 to economic score, Add 1 to social score, Remove 2 from ecological score (B) Remove 1 from economic score, Add 1 to social score, Add 0 to ecological score (C) Add 2 to economic score, Add 1 to social score, Remove 3 from ecological score</p>

Decision Card Number <i>D8</i>	Potential Score
<p>An area near the river is vacant but the city wishes to promote development in the area. The mayor has developed three proposals for the space. Which one will you support?</p> <p>(A) Construct a new shopping center which would create a much needed retail space to attract shoppers. (B) Construct a mixed development which includes a mix of housing and retail shops. (C) Develop the land as a large public park.</p>	<p>(A) Add 2 to economic score, Add 1 to social score, Remove 3 from ecological score (B) Add 1 to economic score, Add 1 to social score, Remove 2 to ecological score (C) Remove 3 from economic score, Add 1 to social score, Add 2 to ecological score</p>

Decision Card Number <i>D9</i>	Potential Score
<p>An area near the river is vacant but the city wishes to promote development in the area. The mayor has developed three proposals for the space. Which one will you support?</p> <p>(A) Construct a new shopping center which would create a much needed retail space to attract shoppers.</p> <p>(B) Construct a mixed development which includes a mix of housing and retail shops.</p> <p>(C) Develop the land as a large public park.</p>	<p>(A) Add 3 to economic score, Add 0 to social score, Remove 3 to ecological score</p> <p>(B) Add 1 to economic score, Add 1 to social score, Remove 2 to ecological score</p> <p>(C) Remove 3 from economic score, Add 1 to social score, Add 2 to ecological score</p>

<p style="text-align: center;">Decision Card Number <i>D10</i></p> <p>The Mayor is pushing you for a decision on a new development that would take about 10 acres of open space and develop it.</p> <ul style="list-style-type: none"> (A) Construct a new retail space and build a new building for a children’s museum (B) Construct a mixed development which includes a mix of housing and retail shops. (C) Develop the land as a public walkway and riverfront green space 	<p style="text-align: center;">Potential Score</p> <ul style="list-style-type: none"> (A) Add 2 to economic score, Add 2 for social score, Remove 4 from ecological score (B) Add 1 to economic score, Add 1 to social score, Remove 2 from ecological score (C) Remove 3 from economic score, Add 0 for social score, Add 3 to ecological score
<p style="text-align: center;">Decision Card Number <i>D11</i></p> <p>On the edge of the city is a large abandoned industrial complex. The neighborhood has been asking that the city council improve this area. There are three proposals that have been brought forth for consideration. You have been asked to support one of them.</p> <ul style="list-style-type: none"> (A) Re-zone the area to be a major central public transportation center. (B) Provide funds to rebuild the (C) Develop the land as a large public park. 	<p style="text-align: center;">Potential Score</p> <ul style="list-style-type: none"> (A) Add 2 to economic score, Add 1 to social score, Remove 3 from ecological score (B) Add 2 to economic score, Remove 3 from social score, Add 1 to ecological score (C) Remove 2 from economic score, Add 1 to social score, Add 2 from ecological score

<p style="text-align: center;">Decision Card Number <i>DI2</i></p>	<p style="text-align: center;">Potential Score</p>
<p>The population in your city is complaining bitterly about long commute times and the governor has proposed that your city exam options to improve transportation in and out of your city. Three proposals have come forth as potential outcomes:</p> <ul style="list-style-type: none"> (A) Widening the major interstate that people use to drive into the city to reduce their commute time (B) Build new parking structures near major bus terminals to encourage people to drive in near the city and park and use the bus system (C) Build a new roadway, which developers say will significant boost the economics of your city, but you will need to disperse a few thousand residents from their homes 	<ul style="list-style-type: none"> (A) Add 2 to economic score, Add 0 for social score, Remove 2 from ecological score (B) Add 2 to economic score, Add 0 to social score, Remove 2 from ecological score (C) Add 9 to economic score, Remove 5 for social score, Remove 4 to ecological score

Decision Card D13	Potential Score
<p>The City is confronted with a problem of too many rats in the neighborhoods. People perceive this as a public health threat and a nuisance. The planners are proposing three alternative plans for dealing with the problem</p> <ul style="list-style-type: none"> (A) An intensive poisoning project in the residential areas designed to eliminate the rats. (B) A neighborhood education program to educate residents about managing rat populations (C) Targeted trapping and removal of rats in specific areas 	<ul style="list-style-type: none"> (A) Add 2 to economic score, Add 2 for social score, Remove 2 for ecological score (B) Add 1 to economic score, Add 1 for social score, Add 2 for ecological score (C) Add 0 for economic score, Add 2 for social score, Add 1 for ecological score

Decision Card D14	Potential Score
<p>The Public Works Department is trying to deal with all of the Canada Geese on the lawns around one of the City's most popular lakes. Here are the options they are considering:</p> <ul style="list-style-type: none"> (A) Trapping and killing the geese (B) Installing noise makers and hawk decoys to scare them away (C) Hiring wildlife managers to keep them off of the lake by non-lethal means 	<ul style="list-style-type: none"> (A) Add 2 to economic score, Remove 1 from social score, Add 2 to ecological score (B) Add 0 to economic score, Add 2 to social score, Add 0 to ecological score (C) Remove 2 from economic score, Add 2 to social score, Add 2 to ecological score

Decision Card D15	Potential Score
<p>Duckweed is an invasive alien plant that is choking the local pond that sits in the center of the City. The local managers are proposing three alternative management options for the problem:</p> <ul style="list-style-type: none"> (A) Spraying the river and side banks with herbicide (B) Cutting out the duckweed by hand (C) Draining the pond, cutting the invasive plants out and refilling the pond 	<ul style="list-style-type: none"> (A) Add 1 to economic score, Add 1 to social score, Remove 2 from ecological score (B) Add 0 to economic score, Add 2 to social score, Add 1 to ecological score (D) Remove 2 from economic score, Add 2 to social score, Add 3 to ecological score

Decision Card D16	Potential Score
<p>Nearly all of the nesting birds in the local park have disappeared after the City decided to mow the grasses under the trees. The park is now just lawn and trees, no bushes remain. Local residents have asked the City to respond to this situation. The City has proposed three courses of action:</p> <ul style="list-style-type: none"> (A) Building and installing bird houses in the park (B) Using the argument of public safety, so nothing to restore the lost bird habitat (C) Plant and manage stands of wildflowers within the park 	<ul style="list-style-type: none"> (A) Add 0 to economic score, Add 1 to social score, Add 0 to ecological score (D) Add 1 to economic score, Add 1 to social score, Add 0 to ecological score (E) Remove 1 from economic score, Add 1 to social score, Add 2 from ecological score

Decision Card D17	Potential Score	
<p>West Nile Virus has been detected in bird populations within the City. A few crows have been found dead along the road. The Mayor must respond to the problem and he knows that the virus is found in mosquitoes. Here are her three plans:</p> <ul style="list-style-type: none">(D) Spraying the ponds with insecticide to kill mosquitoes(E) Conducting a study to determine the impact of the risk(F) Relying on an education effort to warn people about West Nile Virus	<ul style="list-style-type: none">(F) Add 1 to economic score, Add 1 to social score, Remove 3 from ecological score(G) Add 0 to economic score, Add 1 from social score, Add 2 to ecological score(H) Remove 1 from economic score, Add 0 to social score, Add 1 to ecological score	