	Table S2: GIS Data Layers used In Our General Approach to Identifying Existing Development, Future Development, and Conservation Lands		
	Existing Development	Distinguish Future Development from Undeveloped	Conservation Lands
MA	Land use <sup>1</sup>	Zoning Districts <sup>2</sup>	Protected and Recreational Open Space <sup>3</sup> Major Dune Areas <sup>4</sup>
RI	1995 Land Use/Land Cover 5	Buildout <sup>B</sup>	Protected Open Space <sup>5</sup> Audubon Lands <sup>6</sup>
СТ	Land Use/Land Cover <sup>/</sup> Land Cover <sup>8</sup>	Development Priority Areas <sup>9</sup>	State Owned Lands <sup>10</sup> Federally Owned Lands <sup>11</sup> Municipal and Private Open Space <sup>12</sup>
NY	Land Use <sup>13,14,15,16,17</sup>	Same <sup>D</sup>	Same <sup>D</sup>
NJ	1995/1997 Land Use/Land Cover <sup>18</sup> 2002 State Plan <sup>19</sup> Planning Centers <sup>20</sup> Pinelands Management Areas <sup>21</sup>	2002 State Plan <sup>22</sup> 1995/1997 Land Use/Land Cover <sup>23</sup> Pinelands Management Areas <sup>24</sup>	State Open Spaces <sup>25</sup> Federal Open Spaces <sup>26</sup> Nonprofit Conservation Lands <sup>27</sup> Conservation lands <sup>28</sup>
PA	Land Use <sup>29</sup>	Same	Same
DE	Land Use/Land Cover <sup>30</sup>	Buildout <sup>B</sup> Agricultural Preservation Districts <sup>31</sup>	State Owned Lands??? State Parks <sup>32</sup> State Resource Areas <sup>33</sup>
MD	Land Use/Land Cover <sup>34</sup> Maryland Property View <sup>35</sup> Comprehensive Plan <sup>36,37,38,39, 40,41,42</sup> Western Shore: Local Plan <sup>C</sup>	Resource Conservation Area (RCA) Boundaries E,43 Buildout Conservation Easements 44,45,46 County-owned lands T	Federally Owned Lands <sup>48</sup> State Owned Lands <sup>49</sup> Private Conservation Lands <sup>50</sup>
DC	Buildout <sup>B</sup>	n/a	National Park Boundaries <sup>51,52,53,54,</sup>
VA	Land Cover <sup>55</sup> Land Use/Land Cover <sup>56</sup> Hampton Roads Urban Land Use <sup>57</sup>	Comprehensive Plan <sup>58,59,60,61,62,63</sup> Future Land Use <sup>64</sup> Zoning <sup>65,66</sup> Parks <sup>67</sup>	Federally Owned State Owned Parks <sup>68</sup> Nature Conservancy Lands in Virginia <sup>69</sup>
NC	Land Use Plan <sup>70,71,72,73,74,75,76,77</sup> , 78,79,80,81,82	Same <sup>D</sup>	Conservation Lands <sup>83</sup>
sc	Comprehensive Plan 84, 85,86,87,88, 89, 90,	Horry County: Buildout <sup>B</sup> Berkeley County: Future Land Use <sup>91</sup> Charleston Settlement Area Study <sup>92</sup> Draft revisions to Comprehensive Plan <sup>D</sup>	Federal Forest <sup>93</sup> State Parks <sup>94</sup> Refuges <sup>95</sup> Wildlife Management Areas <sup>96</sup>
GA	Land Use/Land Cover 11	Same	Conservation Lands <sup>97</sup>
FL, NE	Future Land Use <sup>98, 99, 100, 101, 102, 103, 104</sup> , 105, 106	Same <sup>D</sup>	Same <sup>D</sup>
FL, EC	Future Land Use 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130,	Same <sup>D</sup>	Sam <sup>D</sup>
FL, TC	Future Land Use <sup>131, 132</sup>	Same <sup>D</sup>	Same <sup>D</sup>
FL, S	Future Land Use <sup>133</sup> , Monroe County Tier Overlay District <sup>134</sup>	Same <sup>D</sup>	Same plus Public Lands <sup>135</sup>
Notes:			

A Unless otherwise noted, all sources provide data for the entire state.

- C. Planners provided hard copy map, generally based on comprehensive plan.
- D. "Same" means "same as the data sources listed immediately to the left."
- E. In addition to the data layer, the boundaries of RCAs established by Critical Areas Act generally were embodied in the county comprehensive plans, many of which discourage development inland from the landward boundary of the RCA.

B. Complete buildout of the coastal zone generally anticipated by the comprehensive plan. Data in this table entry identifies lands that are expected to remain undeveloped. Future development assumed to include all other lands that are neither currently developed nor identified as conservation.

<sup>1</sup> MassGIS 2002. *Land Use 1999*. Boston: Commonwealth of Massachusetts, Executive Office of Energy and Environmental Affairs

<sup>2</sup> MassGIS 2004. Zoning Districts. Boston: Commonwealth of Massachusetts, Executive Office of Energy and Environmental Affairs.

<sup>3</sup> MassGIS 2002. Protected and Recreational Open Space. Boston: Commonwealth of Massachusetts, Executive Office of Energy and Environmental Affairs.

<sup>4</sup> MassGIS 1998. Major Division Angel. Boston: Commonwealth of Massachusetts, Executive Office of Energy and Environmental Affairs.

<sup>4</sup> MassGIS. 1998. *Major Dune Areas*. Boston: Commonwealth of Massachusetts, Executive Office of Energy and Environmental Affairs.

<sup>5</sup> Rhode Island Geographical Information System 2002. Protected Open Space, University of Rhode Island. Providence, Rhode Island

<sup>6</sup> Rhode Island Geographical Information System. 1989. Audubon Lands, University of Rhode Island. Providence, Rhode Island.

<sup>7</sup> Connecticut Department of Environmental Protection. 1997. 1995 Land Use/Land Cover in Connecticut Hartford: Environmental and Geographic Information Center.

<sup>8</sup> Center for Land Use Education and Research 2003. 2002 Land Cover in Connecticut. Hartford: University of Connecticut.

<sup>9</sup> Connecticut Department of Environmental Protection. 2005. *Development Priority Areas*. Hartford: Office of Policy and Management.

<sup>10</sup> Connecticut Department of Environmental Protection. 2002. *State Owned Lands*. Hartford: Environmental and Geographic Information Center.

<sup>11</sup> Connecticut Department of Environmental Protection. 2005. *Federally Owned Lands*. Hartford: Office of Policy and Management.

<sup>12</sup> Connecticut Department of Environmental Protection. 2005. *Municipal and Private Open Space Areas*. Hartford: Office of Policy and Management.

<sup>13</sup> Suffolk County Planning Department. 1999. Suffolk County Parcel Data (eastern towns).

<sup>14</sup> Suffolk County Planning Department. 1991. Suffolk County Parcel Data (Huntington, Babylon, Islip, and Smithtown)

<sup>15</sup> Nassau County GIS Department, 2002 Nassau County Land Use Features

<sup>16</sup> Westchester County Department of Planning. 1996. Land Use for Westchester County

<sup>17</sup> Department of City Planning, New York City. 1995. Land Use for New York City

<sup>18</sup> NJDEP. 2001. 1995/1997 Land Use/Land Cover

<sup>19</sup> New Jersey Office of State Planning, 2002. 2002 State Plan

<sup>20</sup> New Jersey Department of Environmental Protection, 2002. *State Planning Centers* 

<sup>21</sup> New Jersey Pinelands Commission. 2003. New Jersey Pinelands Management Areas

<sup>22</sup> New Jersey Office of State Planning, 2002. 2002 State Plan

<sup>23</sup> New Jersey Department of Environmental Protection. 2001. 1995/1997 Land Use/Land Cover

<sup>24</sup> New Jersey Pinelands Commission. 2003. New Jersey Pinelands Management Areas

<sup>25</sup> New Jersey Department of Environmental Protection, 1999 State Open Spaces

<sup>26</sup> New Jersey Department of Environmental Protection, 1999. Federal Open Spaces

<sup>27</sup> New Jersey Conservation Foundation, 1999. *Nonprofit Conservation Lands* 

<sup>28</sup> New Jersey Conservation Foundation, 1999. *Conservation lands* 

<sup>29</sup> Delaware Valley Regional Planning Commission. 2004. *Land Use* 2000.

<sup>30</sup> Earthdata 1997. Land Use/Land Cover. Delaware Office of State Planning.

<sup>31</sup> Delaware Department of Agriculture. 2004. State Agricultural Preservation Districts

<sup>32</sup> Delaware Division of Parks and Recreation. 2000. Delaware State Parks

<sup>33</sup> Delaware Division of Parks and Recreation. 1998. State Resource Areas

<sup>34</sup> Maryland Department of Planning (MDP). 1997. Maryland Land Use/Land Cover.

<sup>35</sup> Maryland Department of Planning (MDP), 1997. Maryland Property View.

<sup>36</sup> Cecil County Comprehensive Plan 1990.

<sup>37</sup> Kent County Comprehensive Plan 1996

<sup>38</sup> Queen Anne's County Comprehensive Plan 1987.

<sup>39</sup> Talbot County Comprehensive Plan 1997

<sup>40</sup> Caroline County Comprehensive Plan, 2000

<sup>41</sup> Wicomico County Comprehensive Plan. 1998.

<sup>42</sup> Worcester County Comprehensive Plan. 1992

<sup>43</sup> Maryland Department of Natural Resources, Chesapeake & Coastal Watershed Service, Geographic Information Services Division. 2000. *Critical Area Lands*. Annapolis, Maryland.

<sup>44</sup> Maryland's Environmental Resources & Land Information Network (MERLIN) produced by Maryland Department of Natural Resources, 2000. *Rural legacy lands*. Maryland Environmental Resources & Land Information Network (MERLIN).

<sup>45</sup> Maryland's Environmental Resources & Land Information Network (MERLIN) produced by Maryland Department of Natural Resources, 2000. *Forest Legacy Lands*. Maryland Environmental Resources & Land Information Network (MERLIN).

<sup>46</sup> Maryland Environmental Trust. 2000. Maryland Environmental Trust Lands. Annapolis, Maryland

- <sup>47</sup> Marvland's Environmental Resources & Land Information Network (MERLIN) produced by Maryland Department of Natural Resources, 2000. County-owned lands
- <sup>48</sup> Maryland's Environmental Resources & Land Information Network (MERLIN) produced by Maryland Department of Natural Resources, 2000. Federally Owned Lands
- <sup>49</sup> Maryland's Environmental Resources & Land Information Network (MERLIN) produced by Maryland Department of Natural Resources, 2000. State Owned Lands
  50 Maryland's Environmental Resources & Land Information Network (MERLIN) produced by Maryland Department of Natural
- Resources, 2000. Private Conservation Lands
- <sup>51</sup> United States Geological Survey. 1994. 7.5 Minute Map Series. Alexandria.
- <sup>52</sup> United States Geological Survey. 1982. 7.5 Minute Map Series. Anacostia.
- <sup>53</sup> United States Geological Survey. 1983. 7.5 Minute Map Series. Washington West.
- <sup>54</sup> United States Geological Survey. 1982. 7.5 Minute Map Series. Washington East.
- <sup>55</sup> Multi-Resolution Land Characteristics Consortium. 2002. Land Cover 1992. Charlottesville: University of Virginia.
- <sup>56</sup> Environmental Protection Agency. 1999. Land Use/Land Cover.
- <sup>57</sup> Hampton Roads Planning District Commission. 2002. Urban Land Use. Chesapeake, VA.
- <sup>58</sup> Virginia Beach Comprehensive Plan. 2003
  <sup>59</sup> *The Comprehensive Plan for 2018: City of Suffolk, Virginia*, City of Suffolk Department of Planning; adopted March 25, 1998.
  <sup>60</sup> *Charting the Course to 2015: The York County Comprehensive Plan.* 1999,
- <sup>61</sup> James City County Comprehensive Plan. 2003.
- <sup>62</sup> Proposed Land Use Types, *Isle of Wight Comprehensive Plan 2001*
- <sup>63</sup> Prince William County Comprehensive Plan Data. 1998.
- <sup>64</sup> Projected 2050 Chesapeake Land Use. City of Chesapeake, 2003.
- <sup>65</sup> Fairfax County Zoning. 2004.
- <sup>66</sup> Gloucester County Zoning Data. 2000.
- <sup>67</sup> Environmental Systems Research Institute (ESRI) 1999. *Parks* Washington, D.C.: National Park Service
- <sup>68</sup> Environmental Systems Research Institute (ESRI) 1999. Parks Washington, D.C.: National Park Service

- Parks Washington, D.C.: National Park Service
  Nature Conservancy in Virginia. Arlington, VA: The Nature Conservancy (TNC), 2003.
  Currituck County Draft Land Use Plan. 1997.
  Camden County Land Use Plan. 1993.
  Pasquotank County Land Use Plan. 1996.
  Perquimans County Land Use Plan. 1998.
  Washington County. "Proposed Zoning Areas and Possible Waterfront Development Locations". (hardcopy map) 2004.
- <sup>75</sup> Dare County Land Use Plan. 1994..
- <sup>76</sup> Beaufort County (NC) Land Use Plan 1997.
- <sup>77</sup> Pamlico County Land Use Plan. 2004.
- <sup>78</sup> Onslow County Land Use Plan. 1991..
- <sup>79</sup> Carteret County Land Use Plan. 1996..
- <sup>80</sup> Pamlico County Land Use Plan. 2004.
- 81 New Hanover County Land Use Plan. 1999.
- <sup>82</sup>Brunswick County Land Use Plan. 1997.
- 83 Center for Geographic Information and Analysis. 2000. Conservation Lands. Raleigh: North Carolina Department of Environment and Natural Resources.
- <sup>84</sup> Beaufort County (SC) Comprehensive Plan, Beaufort County Planning Department, 1997.
- <sup>85</sup> Berkeley County Comprehensive Plan, Berkeley-Charleston-Dorchester Council of Governments, 1999.
- <sup>86</sup> Colleton County Comprehensive Plan, Colleton County Council, 1999.
- <sup>87</sup> County of Charleston Comprehensive Plan, Charleston County Planning Department, 1999.
- <sup>88</sup> Georgetown County Comprehensive Plan, Waccamaw Regional Planning Council, 1997.
- <sup>89</sup> Horry County Comprehensive Plan, Horry County Planning Department, 1999.
- <sup>90</sup> Jasper County Comprehensive Plan, Jasper County Council, 1998.
- 91 Berkeley Charleston Dorchester Council of Governments (BCD COG), 2004. Berkeley County: Future Land Use
- 92 Charleston County Council (April 12, 2001). Charleston County Settlement Area Study
  93 USDA Forest Service. 2003. *Federal Forests*94 South Carolina Department of Natural Resources. 1999. *State Parks*.

- <sup>95</sup> South Carolina Department of Natural Resources. 1999 Wildlife Refuges.
- <sup>96</sup> Wildlife Management Area Map: Game Zones 6 and 11. 2004. Columbia: South Carolina Department of Natural Resources.
- <sup>97</sup> Georgia Gap Project 1999. Athens, Georgia: Georgia GIS Clearinghouse.
- 98 Nassau County Future Land Use 1999. Jacksonville, Florida: Northeast Florida Regional Council.
- <sup>99</sup> City of Jacksonville Future Land Use. 1999. City of Jacksonville Planning Department
- 100 Neptune Beach Future Land Use. 1999 City of Neptune Beach Planning Department

- Atlantic Beach Future Land Use. 1999. City of Atlantic Beach Planning Department Jacksonville Beach Future Land Use. 1999 City of Jacksonville Beach

  St. Johns County Future Land Use. 1999 St. Johns County GIS

  104 Flagler County Future Land Use. 1999. Flagler County Planning / NEFRC

  105 Clay County Future Land Use. 1999. Clay County Planning Department

  106 Putnam County Future Land Use. 1999. Putnam County GIS

- <sup>107</sup> Volusia County, Florida. 2003. Future Land Use
- <sup>108</sup> Brevard County, Florida. 2003. Future Land Use.
- <sup>109</sup> Cape Canaveral, FL. 2003. Future Land Use
- <sup>110</sup> Cocoa, FL. 2003. Future Land Use
- 111 Cocoa Beach, FL. 2003. Future Land Use 112 Indialantic, FL. 2003. Future Land Use 113 Indialantic, FL. 2003. Future Land Use
- <sup>113</sup> Indian Harbor Beach, FL. 2003. Future Land Use
- <sup>114</sup> Melbourne, FL. 2003. Future Land Use
- Melbourne, FL. 2003. Future Land Use

  Melbourne Beach, FL. 2003. Future Land Use

  Melbourne Beach, FL. 2003. Future Land Use

  Palm Bay, FL. 2003. Future Land Use

  Rockledge, FL. 2003. Future Land Use

  Satellite Beach FL. 2003. Future Land Use

  Titusville FL. 2003. Future Land Use

- Daytona Beach, FL. 2003. Future Land Use Daytona Beach Shores, FL. 2003. Future Land Use
- <sup>123</sup> Edgewater, FL. 2003. Future Land Use
- <sup>124</sup> Holly Hill, FL. 2003. Future Land Use
- <sup>125</sup> New Smyrna Beach, FL. 2003. Future Land Use

- 126 Oak Hill, FL. 2003. Future Land Use 127 Ormond Beach, FL. 2003. Future Land Use 128 Ponce Inlet, FL. 2003. Future Land Use 129 Port Orange, FL. 2003. Future Land Use 130 South Daytona, FL. 2003. Future Land Use
- <sup>131</sup>Future Land Use, 1995 South Florida Water Management District. West Palm Beach, FL.
- <sup>132</sup> Indian River County 1995, Future Land Use.
   <sup>133</sup> Future Land Use, 1995 South Florida Water Management District. West Palm Beach, FL.
   <sup>134</sup> Monroe County Tier Overlay District Map. 2005. Marathon, FL.
   <sup>135</sup> Public Lands. 2001. South Florida Water Management District. West Palm Beach, FL.