Towards an Economic Geography of State Emergence

Jeremy Barofsky, Randy Haas, and Jacopo Tagliabue
Complex Systems Summer School
Santa Fe Institute
3 July 2009
<table>
<thead>
<tr>
<th>Period</th>
<th>Dates</th>
<th>Hamlets</th>
<th>Small Villages</th>
<th>Large Villages</th>
<th>Primary Regional Centers</th>
<th>Secondary Regional Centers</th>
<th>Primate Regional Centers</th>
<th>Primary Urban Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Formative</td>
<td>2000-1300 B.C.</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Middle Formative</td>
<td>1300-500 B.C.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Formative</td>
<td>500 B.C.- A.D. 400</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Tiwanaku</td>
<td>A.D. 400-1000</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Stanish (2003)
Tiwanaku Period Settlement Distribution Sample

McAndrews et al. (1997)
Framework for an Economic Geography ABM

Krugman (1991), Fujita et al. (1999)
Working Model
Working Model
References Cited

Fujita, M., Krugman, P. and Venables, AJ.  

Krugman, Paul  

McAndrews, Tomothy, Juan Albarracin-Jordan, and Marc Bermann  

Stanish, Charles  

Acknowledgements

This work was partially supported by the Santa Fe Institute through NSF Grant No. 0200500 entitled "A Broad Research Program in the Sciences of Complexity." Many participants in the 2009 SFI Complex Systems Summer School offered thoughtful comments and valuable insights. Dr. Chip Stanish and Karl La Favre, UCLA, provided helpful information and data for model validation.