**Urbanization**

**Game modification.** Before playing get 12-20 ‘house’ game pieces from online, or borrow from another game (for example, house from *Monopoly* or *Settlers of Catan* are perfect*).*

**Game play.**

Step-up and play *Biosphere* according to rules with a randomized board, except the following changes:

1. Select 2 Habitat Points at start in ANY habitat
2. Select goals non-randomly (& do not use purple goals)
3. IGNORE TIE BREAKER TRACK- DO NOT DISCUSS
	1. All tiebreaker points go into EP bank
	2. If there is a tie, the number of EP points are the tiebreaker
4. Use our biome lifespan cards (vs. ‘Elelphant graveyard’ dial) provide in link
5. The gameplay is normal for the first two rounds.
6. At the start of the 3rd round at the end of *Phase 1*, ‘Initial Buildings’ will be placed. The number of buildings place equals the number players.

**Initial Building Placement**

*For each building placed into wilderness:*

* Roll 2 dice
* Without looking at die values gather the dice into a line
* The first and second die values corresponding to: x and y axis of the game board.
* Start at the top-left tile. Moving from left-right count the ‘x’ die values. Move to the right the number of tiles equivalent to the ‘x’ die value. If the value exceeds the number of tiles available, re-roll the die (or use a die with side equivalent to the tile width).
* From the selected tile, move down the number of tiles equivalent to the ‘y’ die value – this is the title that will experience urbanization this round. If the value exceeds the number of tiles available, re-roll the die (or use a die with side equivalent to the tile width).
* Pick one of the non-center circles within this selected tile. Announce its location to the group and then roll a 3rd die. Count the circles clockwise equivalent to the third die value --- this is the site where the house will be placed. Any existing species are immediately returned to their owner.
* *Repeat process of additional buildings*

Example:

Die # 1  = 4th Row

Die # 2  = 3rd Column

Die # 3  = 5th Circle



**Subsequence Rounds Building Placement**

*For each building previously placed (urbanization expansion occurs in already urbanized tiles):*

* At the end of *Phase 1*, select one of the houses present and roll a die. If an even value, the next ‘non-house’ circle going clockwise becomes a house. If an odd value, the next non-house circle going counter-clockwise becomes a house. If every circle on the exterior is full, place in center (if present on the tile). Once the tile is ‘full’, no new houses can be placed.
* Repeat for every house on the board.

***Also place one new house using the rules for initial building placement*** *(urbanization in wilderness tiles)*

Place the rest of the game by the publisher’s rules. Discuss how the ‘standard’ game and ‘urbanization scenario’ changed gameplay tactics and strategies.

WHEN CALCULATING MAJORITIES ON TILES FOR DOMINANCE, houses count against majorities (as if equivalent to an opposing players die)