Ecoregional Conceptual Models

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Ecoregional Conceptual Models

Purpose

Communicate roles and interactions of resources and change agents in a region.

Tiered Approach

Tier 1 – Generalized conceptual model at the ecoregional scale.

Tier 2 – Resource-based conceptual model at the solar development scale.

Tier 3 – Resource-based conceptual model at the SEZ-specific scale.

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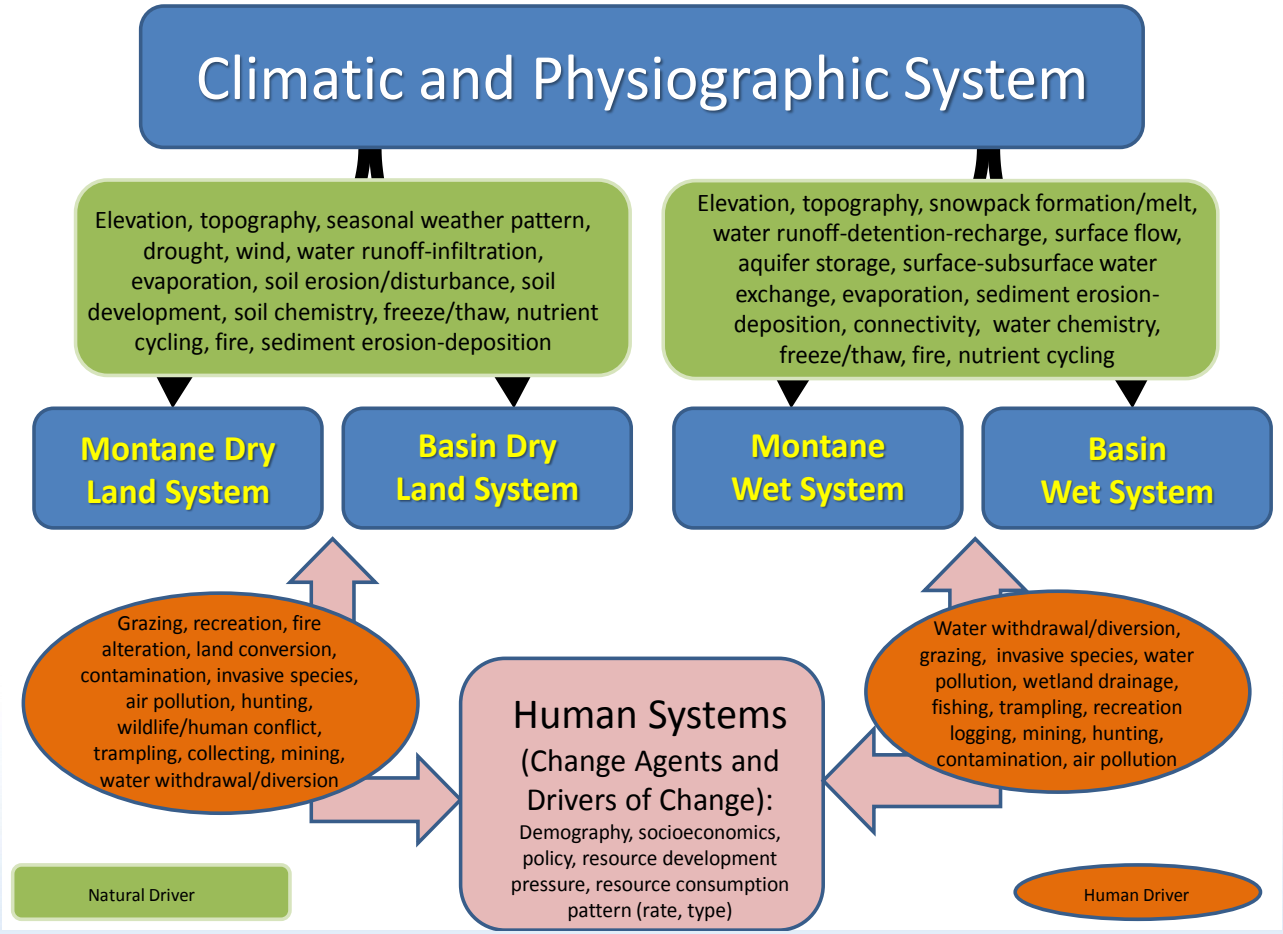
Tier 1 conceptual model for the Sonoran Desert Ecoregion



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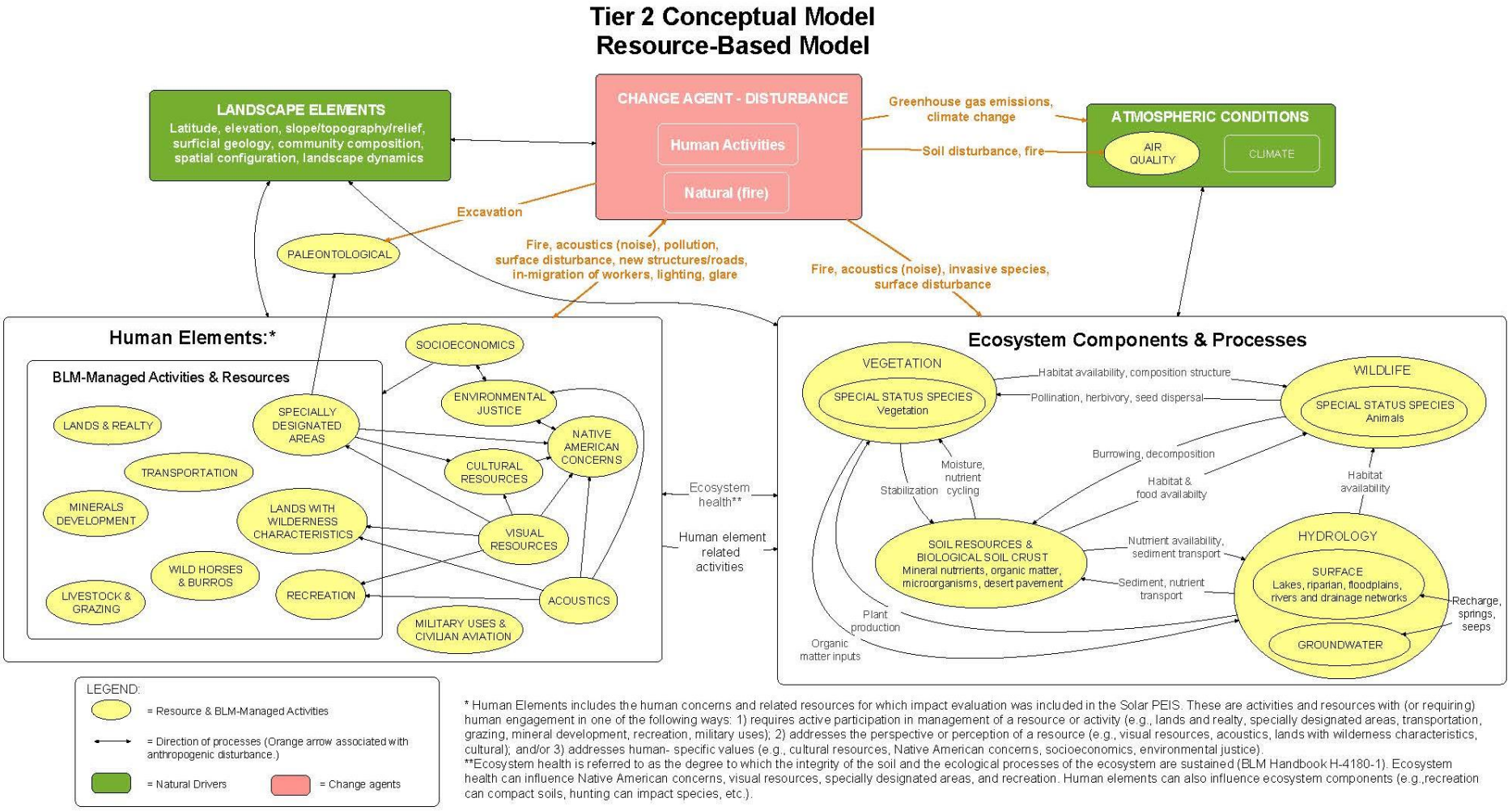

* Human Elements includes the human concerns and related resources for which impact evaluation was included in the Solar PEIS. These are activities and resources with (or requiring) human engagement in one of the following ways: 1) requires active participation in management of a resource or activity (e.g., lands and realty, specially designated areas, transportation, grazing, mineral development, recreation, military uses); 2) addresses the perspective or perception of a resource (e.g., visual resources, acoustics, lands with wilderness characteristics, cultural); and/or 3) addresses human- specific values (e.g., cultural resources, Native American concerns, socioeconomics, environmental justice).
**Ecosystem health is referred to as the degree to which the integrity of the soil and the ecological processes of the ecosystem are sustained (BLM Handbook H-4180-1). Ecosystem health can influence Native American concerns, visual resources, specially designated areas, and recreation. Human elements can also influence ecosystem components (e.g.,recreation can compact soils, hunting can impact species, etc.).

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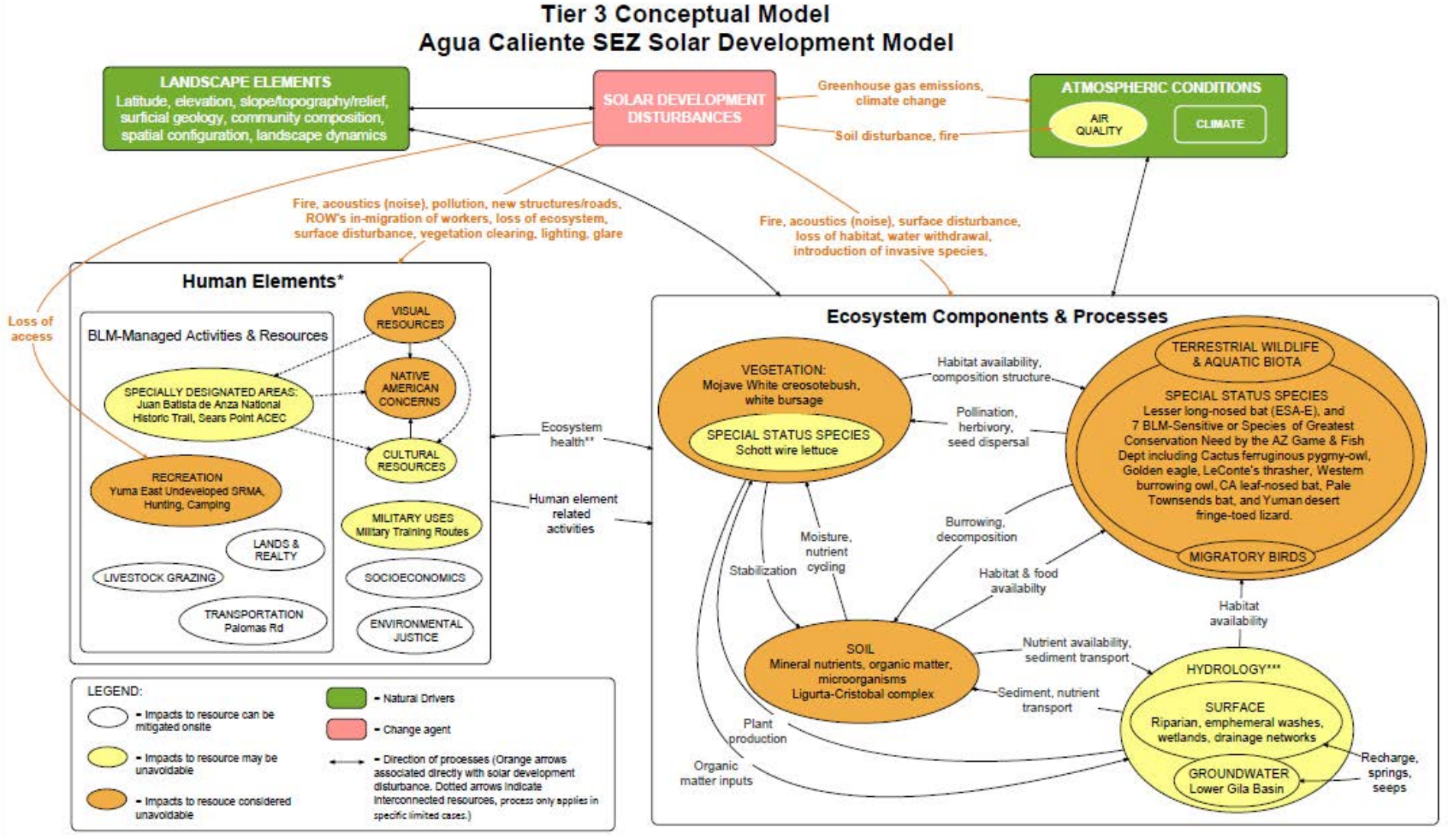

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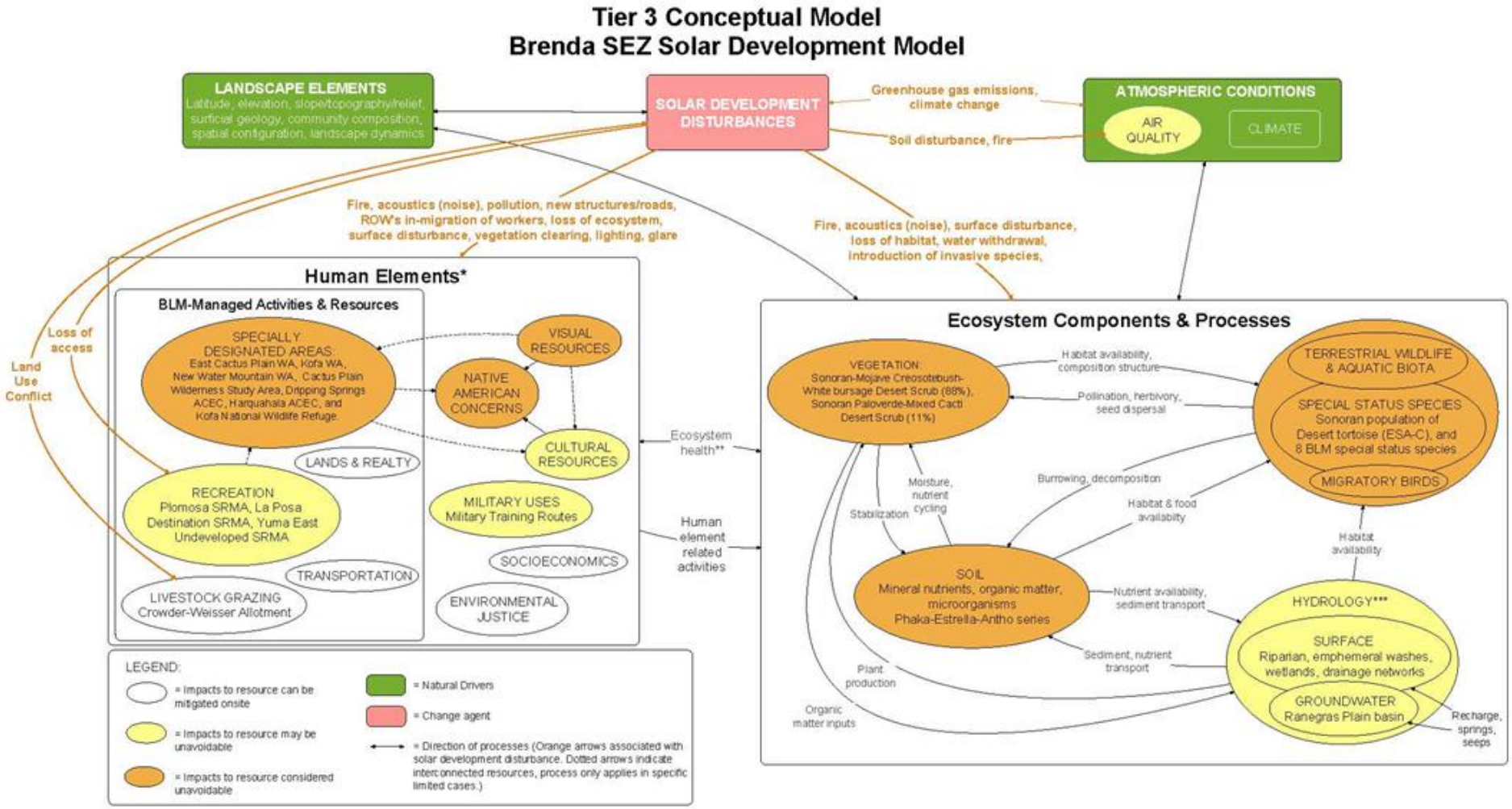
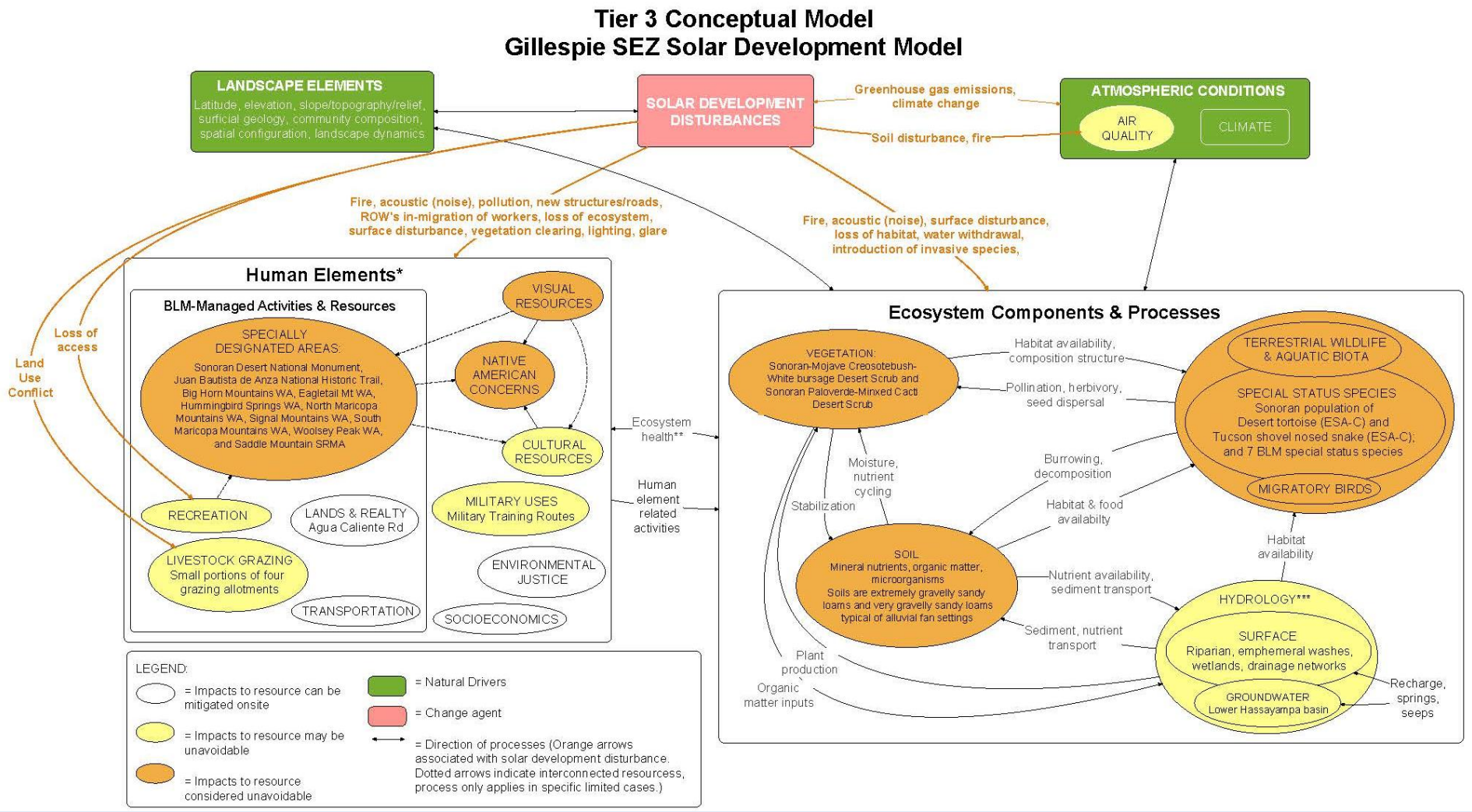
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