

Level 1

Level 2

Level 3

No human land use

Agriculture

Extensive/ minimal land use

Hunting-gathering -fishing-foraging

Pastoralism

Urban/ extractive industries

Agroforestry/arboriculture

Swidden/shifting

Herbaceous/ground crops

Wet cultivation

HGF only

Broad-based and aquatic resources

Low-level food production

Specialized fish production

Anchored

Ranching

Mobile - regular

Mobile - irregular

Dispersed-urban/peri-urban

Dense urban

Mining/quarrying

Arboriculture (tree crops)

Agroforestry w. soil enrichment

Agroforestry w/o soil enrichment

Rice paddy/taro pondfields

Raised fields/chinampas

Wetland cultivation

VARIABLES:

CULTIGENS: wheat; barley; pulses; millets; maize; beans; squash; olives; vines; rice (dry/hill); rice (wet/paddy); tubers; teff; orchard/tree crops; sugar cane; oats; rye; sago; cotton; other

ANIMALS: goat and/or sheep; cattle; equids; camel; water buffalo; pigs; camelids; reindeer; other

WATER AND LANDSCAPE MODIFICATION: rainfed; flood; canals/channels; terracing; cistern/ reservoir storage; wells; dams; qanats; drains/water reduction; other

TILLAGE: Digging stick/dibble; plow/ard; tractor; manuring

PYROTECHNOLOGY: metal (copper/bronze/tin); metal (iron/steel); charcoal; faience/large-scale ceramic firing

SETTLEMENT MODE: dispersed; aggregated; non-sedentary; urban centers

FIRE: landscape-scale burning present/absent/ debated