

Vocabulary

Below are 596 vocabulary words that you should know for the APES exam.

1. abiotic
2. acid
3. acid deposition
4. acid rain
5. acidic solution
6. adaptation
7. adaptive radiation
8. advanced sewage treatment
9. aerobic respiration
10. affluenza
11. age structure
12. agricultural revolution
13. agroforestry
14. air pollution
15. albedo
16. alley cropping
17. altitude
18. anaerobic respiration
19. ancient forest
20. anthropocentric
21. aquaculture
22. aquatic life zone
23. aquifer
24. arable land
25. area strip mining
26. arid
27. artificial selection
28. atmosphere
29. atmospheric pressure
30. autotroph
31. background extinction
32. bacteria
33. barrier islands
34. benthos
35. biocentric
36. biodegradable
37. biodiversity
38. biogeochemical cycle
39. biological community
40. biological diversity
41. biological evolution
42. biological oxygen demand (BOD)
43. biomass
44. biome
45. biosphere
46. biotic
47. biotic pollution
48. biotic potential
49. birth rate
50. bitumen
51. breeder nuclear fission reactor
52. broadleaf deciduous plants
53. broadleaf evergreen plants
54. buffer
55. calorie
56. carbon cycle
57. carbon oxides
58. carnivore
59. carrying capacity (K)
60. chain reaction
61. chemical evolution
62. chemosynthesis
63. chronic undernutrition
64. clear-cutting
65. climate
66. coal
67. coal gasification
68. coal liquefaction
69. coastal wetland
70. coastal zone
71. coevolution
72. cold front
73. commercial extinction
74. commercial inorganic fertilizer
75. community
76. compost
77. condensation nuclei
78. coniferous evergreen plants
79. coniferous trees
80. conservation
81. conservation biology
82. conservationist
83. conservation-tillage farming
84. consumer
85. contour farming
86. contour strip mining
87. controlled burning
88. conventional-tillage farming
89. coral reef
90. core
91. cost-benefit analysis (CBA)
92. crop rotation
93. crown fire
94. crude birth rate
95. crude death rate
96. crude oil
97. cultural eutrophication
98. death rate
99. debt-for-nature swap
100. deciduous plants
101. decomposer
102. deductive reasoning
103. deep ecology environmental worldview
104. deforestation
105. degradable pollutant
106. degree of urbanization
107. demographic transition
108. depletion time
109. desalination
110. desert
111. desertification
112. detritivore
113. detritus
114. detritus feeder
115. deuterium (D; hydrogen-2)
116. developed country
117. developing country
118. dieback
119. differential reproduction
120. discount rate
121. dissolved oxygen (DO) content
122. distribution
123. domesticated species
124. doubling time
125. drainage basin
126. dredging
127. drift-net fishing
128. drought
129. durability
130. earth-centered environmental worldview
131. ecofeminist environmental worldview
132. ecological diversity
133. ecological efficiency
134. ecological footprint
135. ecological niche
136. ecological restoration
137. ecologist
138. ecology
139. economic depletion
140. economic development
141. economic growth
142. economic resources
143. economic system
144. economy
145. ecosphere
146. ecosystem
147. electromagnetic radiation
148. elevation
149. emigration
150. endangered species
151. endemic species
152. energy
153. energy efficiency
154. energy productivity
155. energy quality
156. environment
157. environmental degradation
158. environmental ethics
159. environmental movement
160. environmental resistance
161. environmental revolution
162. environmental science
163. environmental wisdom worldview
164. environmental worldview
165. environmentalism
166. environmentalist
167. environmentally sustainable economic development
168. environmentally sustainable society
169. Environmental Protection Agency (EPA)
170. estuary
171. euphotic zone
172. eutrophic lake
173. eutrophication
174. evaporation
175. even-aged management
176. evergreen plants
177. evolution
178. exhaustible resource
179. exponential growth
180. external benefit
181. external cost
182. externalities
183. extinction
184. family planning
185. famine
186. feedback loop
187. feedlot
188. fermentation
189. fertility
190. fertilizer
191. first law of thermodynamics
192. fish farming
193. fish ranching
194. fishery
195. floodplain
196. flyway
197. food chain
198. food web
199. forest
200. fossil fuel
201. free-access resource
202. freshwater life zones
203. front
204. frontier environmental worldview
205. frontier science
206. full cost
207. functional diversity
208. fundamental niche
209. fungicide
210. game species
211. gangue
212. gene mutation
213. gene pool
214. gene splicing
215. generalist species
216. genes
217. genetic adaptation
218. genetic diversity
219. genetic engineering
220. genetically modified organism (GMO)
221. geographic isolation
222. globalization
223. grassland
224. green manure
225. green revolution
226. greenhouse effect
227. greenhouse gases
228. gross domestic product (GDP)
229. gross primary productivity (GPP)
230. ground fire
231. groundwater
232. gully erosion
233. habitat
234. half-life
235. heat
236. herbicide
237. herbivore
238. heterotroph
239. high-input agriculture
240. high-quality energy
241. high-quality matter
242. high-throughput economy
243. high-waste economy
244. HIPPO
245. human capital
246. human resources
247. human-centered environmental worldviews
248. humus
249. Hunter-gatherers
250. hydrocarbon
251. hydrologic cycle
252. hydrosphere
253. identified resources
254. immigration
255. inductive reasoning
256. industrial smog
257. industrialized agriculture
258. infant mortality rate
259. infiltration
260. information and globalization revolution
261. inherent value
262. inland wetland
263. inorganic compounds
264. inorganic fertilizer
265. input pollution control
266. insecticide
267. instrumental value
268. integrated pest management (IPM)
269. intercropping
270. internal cost
271. interplanting
272. intertidal zone
273. intrinsic rate of increase (r)
274. intrinsic value
275. inversion
276. ionizing radiation
277. isotopes
278. J-shaped curve
279. kerogen
280. kilocalorie (kcal)
281. kinetic energy
282. K-selected species
283. K-strategists
284. land degradation
285. land-use planning
286. latitude
287. law of conservation of energy
288. law of conservation of matter
289. leaching
290. less developed country (LDC)
291. life cycle cost
292. life expectancy
293. life-centered environmental worldview
294. limiting factor
295. limiting factor principle

296. linear growth	373. oligotrophic lake	449. radon (Rn)	527. sulfur cycle
297. lipids	374. omnivore	450. rain shadow effect	528. sulfur dioxide (SO ₂)
298. liquefied natural gas (LNG)	375. open sea	451. range	529. sulfuric acid (H ₂ SO ₄)
299. liquefied petroleum gas (LPG)	376. open-pit mining	452. range of tolerance	530. surface mining
300. lithosphere	377. ore	453. rangeland	531. surface runoff
301. loams	378. organic compounds	454. rare species	532. surface water
302. logistic growth	379. organic farming	455. realized niche	533. survivorship curve
303. low-input agriculture	380. organic fertilizer	456. recharge area	534. sustainability
304. low-quality energy	381. organism	457. recombinant DNA	535. sustainable agriculture
305. low-quality matter	382. output pollution control	458. reconciliation ecology	536. sustainable development
306. low-throughput economy	383. overfishing	459. recycling	537. sustainable living
307. low-waste economy	384. overgrazing	460. reforestation	538. sustainable society
308. macroevolution	385. overnutrition	461. reliable runoff	539. sustainable yield (sustained yield)
309. malnutrition	386. oxygen-demanding wastes	462. renewable resource	540. synergistic interaction
310. mangrove swamps	387. ozone (O ₃)	463. replacement-level fertility	541. synergy
311. manufactured capital	388. ozone depletion	464. reproduction	542. synfuels
312. manufactured resources	389. ozone layer	465. reproductive isolation	543. synthetic natural gas (SNG)
313. marginal benefit	390. PANs	466. reproductive potential	544. tailings
314. marginal cost	391. paradigm shifts	467. reserves	545. tar sand
315. mass depletion	392. particulates	468. resource	546. temperature inversion
316. mass extinction	393. parts per billion (ppb)	469. resource productivity	547. terracing
317. mass transit	394. parts per million (ppm)	470. respiration	548. terrestrial
318. material efficiency	395. parts per trillion (ppt)	471. restoration ecology	549. tertiary (higher-level) consumers
319. matter-recycling economy	396. pasture	472. reuse	550. tertiary sewage treatment
320. maximum sustainable yield	397. per capita ecological footprint	473. riparian zones	551. theory of evolution
321. megacity	398. per capita GDP	474. r-selected species	552. thermal inversion
322. meltdown	399. percolation	475. r-strategists	553. threatened species
323. mesotrophic lake	400. permafrost	476. rule of 70	554. throughput
324. metabolism	401. permeability	477. runoff	555. throwaway society
325. metropolitan area	402. perpetual resource	478. salinity	556. total fertility rate (TFR)
326. microevolution	403. persistence	479. salinization	557. traditional intensive agriculture
327. micronutrients	404. persistent pollutant	480. saltwater intrusion	558. traditional subsistence agriculture
328. microorganisms	405. pest	481. scavenger	559. tragedy of the commons
329. migration	406. pesticide	482. scientific law	560. transgenic organisms
330. mineral resource	407. petrochemicals	483. second law of energy	561. transpiration
331. minimum viable population (MVP)	408. petroleum	484. second law of thermodynamics	562. tree farm
332. minimum-tillage farming	409. pH	485. secondary consumer	563. tree plantation
333. model	410. phosphorus cycle	486. secondary pollutant	564. trophic level
334. monoculture	411. photochemical smog	487. secondary sewage treatment	565. troposphere
335. monsoons	412. photosynthesis	488. second-growth forest	566. true cost
336. more developed country (MDC)	413. phytoplankton	489. selective cutting	567. undernutrition
337. mountaintop removal	414. planetary management worldview	490. septic tank	568. undiscovered resources
338. multiple use	415. plankton	491. shale oil	569. uneven-aged management
339. mutation	416. plantation agriculture	492. sheet erosion	570. upwelling
340. natural capital	417. point source	493. shelterbelt	571. urban area
341. natural gas	418. pollutant	494. shifting cultivation	572. urban growth
342. natural greenhouse effect	419. pollution	495. slash-and-burn cultivation	573. urban sprawl
343. natural law	420. pollution cleanup	496. sludge	574. urbanization
344. natural rate of extinction	421. pollution prevention	497. smart growth	575. volatile organic compounds (VOCs)
345. natural recharge	422. polyculture	498. smelting	576. warm front
346. natural resources	423. polyvarietal cultivation	499. smog	577. water cycle
347. natural selection	424. population	500. social capital	578. water pollution
348. negative feedback loop	425. population change	501. soil	579. water table
349. nekton	426. population density	502. soil conservation	580. waterlogging
350. net energy	427. population dispersion	503. soil erosion	581. watershed
351. net primary productivity (NPP)	428. population distribution	504. soil horizons	582. weather
352. niche	429. population dynamics	505. soil permeability	583. weathering
353. nitric acid (HNO ₃)	430. population size	506. soil porosity	584. wetland
354. nitrogen cycle	431. porosity	507. soil profile	585. wild species
355. nitrogen fixation	432. positive feedback loop	508. soil structure	586. wilderness
356. nitrogen oxides (NO _x)	433. potential energy	509. soil texture	587. wildlife
357. noise pollution	434. poverty	510. solar capital	588. wildlife resources
358. nondegradable pollutant	435. prairies	511. solar energy	589. windbreak
359. nonionizing radiation	436. precipitation	512. spaceship-earth worldview	590. worldview
360. nonpersistent pollutant	437. primary consumer	513. specialist species	591. xeriscaping
361. nonpoint source	438. primary pollutant	514. speciation	592. Zebra mussel
362. nonrenewable resource	439. primary productivity	515. species	593. zone of aeration
363. no-till farming	440. primary sewage treatment	516. species diversity	594. zone of saturation
364. nuclear change	441. producer	517. spoils	595. zoning
365. nuclear energy	442. pure free-market economic system	518. stewardship worldview	596. zooplankton
366. nuclear fission	443. pyramid of energy flow	519. stratosphere	
367. nuclear fusion	444. Quagga Mussel	520. strip cropping	
368. nutrient	445. radiation	521. strip cutting	
369. nutrient cycle	446. radioactive decay	522. strip mining	
370. oil	447. radioactivity	523. subsidence	
371. oil shale	448. radioisotope	524. subsistence farming	
372. old-growth forest		525. subsurface mining	
		526. succulent plants	

