

IDEAS 08-10-29: Water: the bulk of the (managed) water used by humans is for irrigated agriculture. The easiest way to relieve world water shortages is to make agricultural uses less water demanding (e.g. covered areas, tree crops, controlled sub-surface watering etc.)

08-11-3: Calculate if slowing of Earth's rate of rotation matches with required amount of due to conservation of momentum as Earth expands. (Year 2000-day)

08-11-8: Can more information be got re. interference from difference in refraction of light. 08-11-9: How do sponges work, in picking up water from flat surface?

08-11-10: Artificial nerves biodegradable nerve guides? Nerve stem cells

08-11-14: Senses (cobins?) mounted on gymbals for very motion-sensitive passengers?

IDEAS 08-9-21: In the case of countries of origin, creatures must have resistance to their toxins. Is this resistance genetic in the mammals etc or is it their stomach bacteria etc? Can the resistance be transferred to Aust. mammals?

08-9-22: Houses with transparent plastic water-filled walls to get insulation plus heat-flow control?

08-9-26: Are supernova etc explosions when angular momentum at equator of a spinning star builds up to level where it overcomes its internal gravity?

08-10-10: Can there be a housing/mortgage situation where govt. owns a house, residents make payments which are hybrid between rent & interest on mortgage, with no foreclosure possible, only a (possibly endlessly) delayed payoff and transfer of title? Cf Council house trends in UK, favored sell-off to tenants.

IDEAS 08-8-29: Does a satellite (natural or artificial) travelling in an elliptic orbit have more the same or less energy than one travelling in an exactly circular orbit? (Might be more, as gradual energy loss causes elliptical orbits to become more circular).

08-9-6: Give politician a bonus to resign after (say) 10 years, maybe decreasing every 2 years after that?

08-9-12: Move water from wet areas (e.g. Indonesia) to drier ones (e.g. Australia) through gravity in giant flexible tubes in the offshore shallows?

08-9-14: Air/H₂ leaves etc - would the difference in refractive index for air/H₂ be enough to make a lens effect (e.g. in concave)? Do "air lenses" form in high/low pressure areas like cyclones/tornadoes/derechones?

IDEAS 08-8-14: Combine Use Hydrofoils reaching up to cloud bottom to create manageable synthetic tornadoes for power generation?

08-8-14: Use critical point CO₂ to extract oil from deep undersea rocks (natural high temp. pressures)?

08-8-18: How does salt polio vaccine work orally but other vaccines must be injected? Is there a convenient de-allergizing route there and is this used naturally to achieve some immunities?

08-8-23: Vaccinate travellers to eg India by giving them exposure to India-simulating conditions (food, travel, hygiene etc) before departure?

08-8-29: Use osmosis with algae (redwood) etc for water desalination - ie collect transpiration from photosynthesis

IDEAS 08-7-16: The Gattaca Depression in Egypt would be a good site for an evaporation-travel solar desalination plant.

08-7-24: Adjust the lift of a balloon by altering its shape to change amount of included air, eg torus with adjustable hole? (but without always = mass of air displaced)

08-7-25: Sea farming with giant floating 'Scotfields', open via mesh to side but with bags to reproduce conditions for shallow-water species?

08-7-25: Shield spacecraft from cosmic rays with generated magnetic fields?

08-8-5: Women's Fashion has analogies with public mass hubbess, eg woman's global warming, but without a moral overlay. What is Fashion for?

08-8-5: Use supercritical water for gold extraction plants?

IDEAS 08-6-5: Investigate relativistic effects in most spectrometers

08-7-4 (betula entry): 5-8 cm of munched tree prunings appear to suppress Med. fruitfly.

08-7-8: Cutting wood/trees: would there be a more efficient route with (a) thin diamond-tipped circular saw blades, perhaps with a slightly wavy edge (b) with lobes, maybe auto-feedback with mirror surface at back of object to be cut? (maybe auto-deflect excess beam into cutting plane?)

08-7-9: Human & mammal physiologies/digestive systems may not always cope very well with very pure substances. Maybe side effects of medicines etc could be reduced by deliberately adding impurities.

08-7-12: A few zinc-coated nails in a metal (steel) gutter seem to inhibit rusting - the sacrificial anode effect?

IDEAS 08-4-10: Investigate how Earth expansion would influence angular momentum of continents etc, affect polar axes

08-4-19: If a gravity wave detector is a real possibility (value 10), why not build one in space, free of all vibrations (possibly human)?

08-5-22: Possibly treat gangrene etc by temporary connection of vein in (leg) arm to affected spot to give a working blood supply?

08-5-27: If planets have a net charge w.r.t. to Sun (due to solar wind), do they radiate according to em theory?

08-5-27: Is a laser light beam automatically polarized, or not can it be polarized? (b) how does polarized light behave with the 2-lens experiment?

08-5-29: Investigate the Lamb Shift (radiation from outer electron in atoms).

IDEAS 08-2-28: Use water/moss capillaries in houses to generate electricity from differing mass temperatures (thermocouples etc)

08-3-2: Small desalination unit based on a bicycle pump?

08-3-2: Cloak driven by compressed air? Compressed air as house-wide energy source?

08-3-3: Superfluidity, superconductivity analogies of hydrostatic pressure equilibria in liquids?

08-3-3: Could carbon nanotubes be or be made superconducting?

08-3-29: Is Convection the key to cold fusion?

08-4-1: Wind-up smoke alarms?

08-4-2: Osmosis as analogue of inter-national etc infocap flow?

08-4-2: Re: also tree growth image, activity of filoxera level enables osmotic draw in at roots.