



AI (chatGPT) and Permaculture

By William George Paul

<https://www.planetshifter.com/>

INTRODUCTION

A very concise definition of artificial intelligence is the theory and development of computer systems able to perform tasks that normally require human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages.

‘(AI) is not so much for design on the ground but for creating polls on Facebook- helping with needs analysis...’

- Jessica Perini, Admin.- Permaculture Partners on FB.

SOME ADVANTAGES OF AI

Improved decision-making: AI systems can analyze data from a variety of sources to help identify patterns and trends, which can assist with decision-making processes.

Improved customer service: AI-powered chatbots and virtual assistants can provide quick and accurate responses to customer inquiries, which can improve the customer experience.

AI systems can be designed to make decisions or take actions based on predefined rules, which can help to reduce the potential for human error.

Social and economic inequality: AI has the potential to exacerbate social and economic inequality if it is not implemented in a way that is fair and equitable.

<https://ai-pro.org/introduction-to-artificial-intelligence/>

WHAT chatGPT RELAYED ABOUT PERMACULTURE AOTEAROA

“Permaculture in Aotearoa, or New Zealand, is a vibrant and growing movement that has deep roots in the country's history and culture. The principles and practices of permaculture align with many traditional Maori approaches to land management and resource use, making it a natural fit for the country's indigenous communities... Permaculture is also integrated into many sustainable farming practices in New Zealand, such as organic and biodynamic farming, as well as regenerative agriculture. Many small-scale farmers and homesteaders in New Zealand use permaculture principles to create more self-sufficient and sustainable lifestyles.”

<https://www.permaculture.org.nz/blog/aaaaaaaaaab/what-chatgpt-has-say-about-permaculture-aotearoa>

PLANTING AN APPLE GUILD WITH chatGPT

Michael Cox (Kent, UK) asked chatGPT to create a Permaculture guild plan that is designed to create mutually beneficial relationships between plants, and in this case, apple trees. Here is the AI feedback:

Comfrey: Comfrey is a great addition to a permaculture guild with apple trees as it can provide a nutrient-rich mulch for the apple trees. Comfrey is also known to have deep roots, which can help improve soil structure and can draw up nutrients from deep in the soil.

Clover: Clover is a leguminous plant that can fix nitrogen in the soil, which is an essential nutrient for plant growth. Clover also attracts beneficial insects, such as bees, which can help with apple tree pollination.

Chives: Chives are a great companion plant for apple trees as they can help repel pests, such as aphids. Chives also have shallow roots, which means they won't compete with the apple tree for nutrients and water.

Dandelion: Dandelion is a great addition to a permaculture guild with apple trees as it can help break up compacted soil with its deep taproot. Dandelion is also a good source of nectar for bees and other beneficial insects.

Yarrow: Yarrow is a medicinal herb that can be a great addition to a permaculture guild with apple trees. It has a deep taproot that can help improve soil structure and it can attract beneficial insects, such as ladybugs, which can help control pests.

Nasturtium: Nasturtium is a great companion plant for apple trees as it can help repel pests, such as aphids and caterpillars. Nasturtium also attracts beneficial insects, such as bees and hoverflies, which can help with apple tree pollination....

<https://permies.com/t/211018/permaculture/asked-ChatGPT-permaculture-questions-responses>

CONCLUSION

What could chatGPT do for your Permaculture School and/or Community? Creating zones, measuring contours, establishing a planting to harvest calendar? Is your data ready?

Have you utilized chatGPT for permaculture design? Would you like to share your experience with the community? Please be in touch: text: 831-224-7633 or willipaul1@gmail.com. Thank you. (image: Al Jazeera)