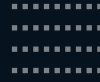


AI Unleashed: Integrating into the NEPA Process

By Lauren Schramm



Introduction



POND

Roadmap

Overview of 4 tools

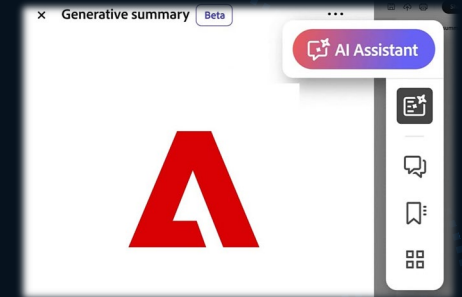
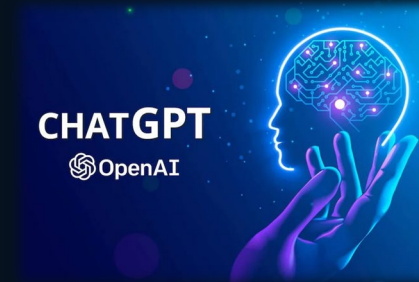
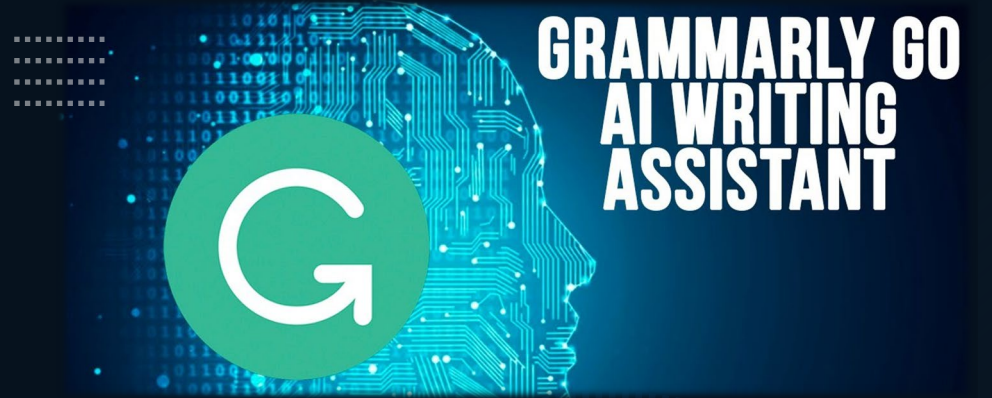
Practical examples of those tools

Limitations of AI

The logo for POND, featuring the word "POND" in a bold, white, sans-serif font. The text is enclosed within a red square frame that has a thick border and is slightly offset from the corners, creating a floating effect. The background of the slide is a high-angle, night-time photograph of Earth from space, showing the curvature of the planet and the glowing lights of cities and continents against the dark blue and black of the night sky.

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Understanding AI tools



Grammarly Go

My voice

Formality

Casual Neutral Formal

Tone
Select up to three

Personable Confident Empathetic
Engaging Witty Direct

Your profession

Product designer

I write in

American English

These voice settings will apply to any text you generate.

Close Use this voice

Work with: A few potential times that work f...9 to noon

Improve it

Shorten it

More

Try "Is it persuasive?"

Review suggestions 2

Correctness Clarity Engagement Delivery Style guide

Adjusting tone may improve reception ⓘ

Confident

The plan **is** successful if there are at least ten additional sightings in the next five years.

Rephrase Dismiss ...

Wrong verb form are

Rewrite

Improve it

Evaluate

Identify any gaps

Give me ideas for improvement

Pick out my main point

Ideate

Generate ideas for a blog post

Brainstorm some thought-provoking questions

Write

Write a project progress report

Ask for a favor

Write an engaging introductory email

Write a thank you note



Adobe AI Assist

This Environmental Assessment fulfills the requirement of the National Institute of Justice with activities conducted by the Allegheny County Office of the Medical Examiner Forensic Laboratory in association with the following projects comply with the National Environment Policy Act.

I. Project Name: NIJ's FY 2008 Forensic DNA Unit Efficiency Improvement Program
Grant Program: Forensic DNA Unit Efficiency Improvement
Grant #: 2010-ST-XX-XXXX

x AI Assistant Beta

Can you provide a bulleted list of the overall findings of the EA?

- The purpose of NIJ's FY 2008 Forensic DNA Unit Efficiency Improvement Program is to increase the DNA testing capabilities of the Allegheny County Office of the Medical Examiner Forensic Laboratory and enhance the law enforcement process. ¹
- The proposed action includes funding for overtime payments to personnel, enhanced training, funding for laboratory supplies, and acquisition of automated scientific equipment to increase casework capacity and decrease case turn-around time. ²
- No other action alternatives were considered for achieving the objectives of the Backlog reduction project. ³
- Without the financial support provided by NIJ's FY 2008 Forensic DNA Unit Efficiency Improvement Program, the Forensic Biology Section would be unable to expand its casework capacity and provide enhanced forensic services and support to law enforcement agencies in Allegheny County. ⁴
- The proposed action is not expected to result in significant adverse impacts on the environment, as all DNA testing will be performed in the existing facility using current methodology and no new types of reagents will be introduced. ⁵

Find text or tools 🔍 📄 🔄 🖨️ Share AI Assistant

x AI Assistant Beta

x AI Assistant Beta

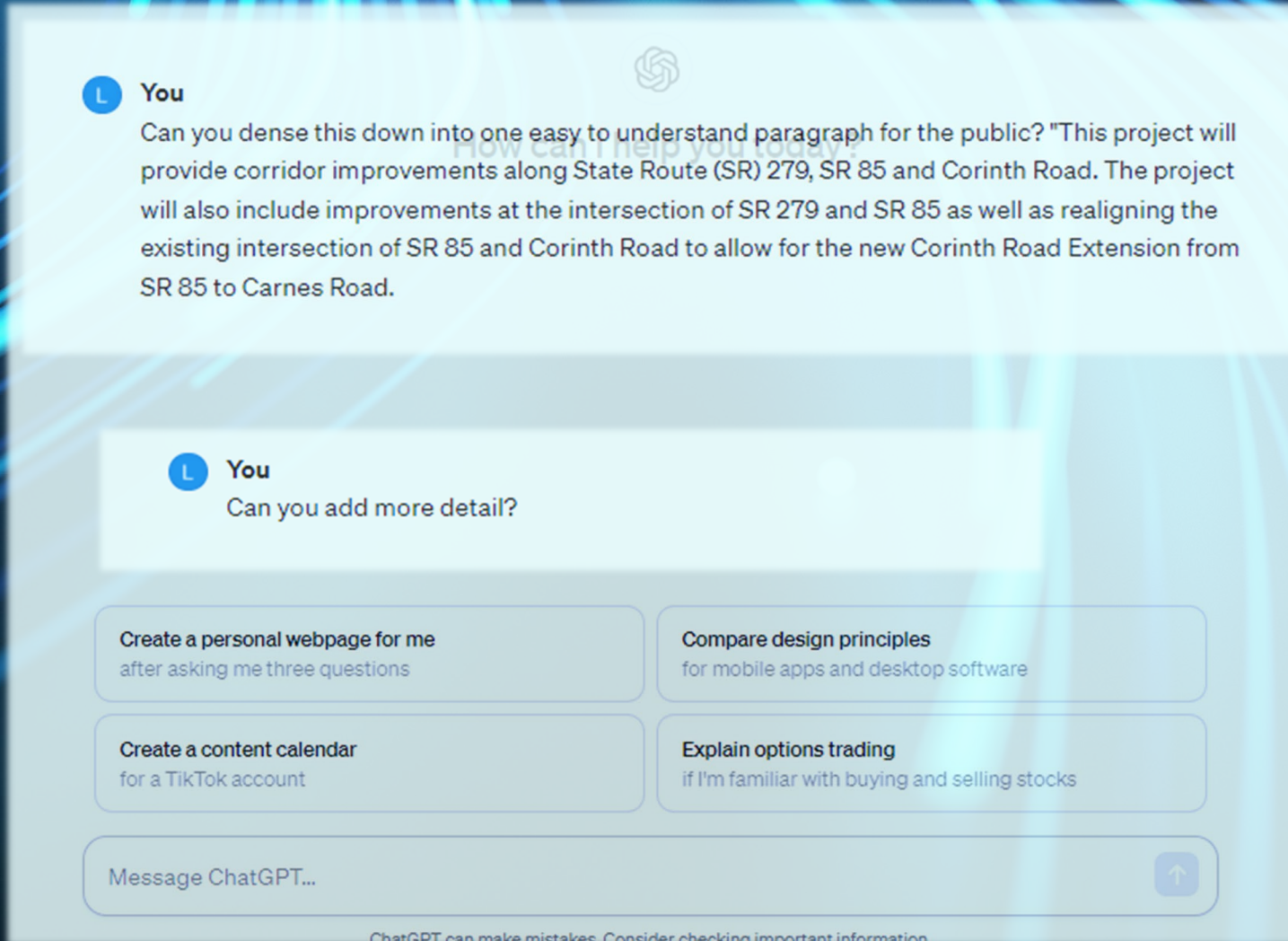
Overview

This document is an environmental assessment for the National Institute of Justice's Forensic DNA Unit Efficiency Improvement Program at the Allegheny County Office of the Medical Examiner Forensic Laboratory.

📄 Copy

POND

Chat GPT



You
Can you dense this down into one easy to understand paragraph for the public? "This project will provide corridor improvements along State Route (SR) 279, SR 85 and Corinth Road. The project will also include improvements at the intersection of SR 279 and SR 85 as well as realigning the existing intersection of SR 85 and Corinth Road to allow for the new Corinth Road Extension from SR 85 to Carnes Road.

You
Can you add more detail?

How can I help you today?

- Create a personal webpage for me after asking me three questions
- Compare design principles for mobile apps and desktop software
- Create a content calendar for a TikTok account
- Explain options trading if I'm familiar with buying and selling stocks

Message ChatGPT...

- Today
 - Dynamic Team Job Promo
- Yesterday
 - AI Integration in NEPA
 - AI in NEPA Processes
- Previous 30 Days
 - Respectful Communication Reque
 - Fayette County Traffic Imp ...
 - Ecology Team Involvement Discus
 - Deadline Thursday Noon Challeng
 - Golf Tournament Role Adjustment
 - Bat Survey at Dobbins
 - Phase II ESA warranted.
 - Admit Mistake, Apologize, Correct
 - Early Communication for Efficiency
- February
 - Scope with Corps: Hours
 - DoD Environmental Style Guide
 - Demoralizing When Not Heard
 - Balancing Team Voices
 - Presentation Thank You
 - Exciting Job Opening!

ChatGPT can make mistakes. Consider checking important information.



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Hallucinations

7 results (0.53 sec)

[PDF] Investigating an Assessment Design that Prevents Students from Using ChatGPT as the Sole Basis to Pass Assessment at the Tertiary Level

[PDF] researchgate.net

[M Slack](#) - 2023 - [researchgate.net](#)

The School Progression Policy is an intervention strategy to decrease unnecessary, high dropout rates in the South African Education system. It allows learners to move from one grade ...
☆ Save 50 Cite Related articles 88

[HTML] Stratospheric sudden warming as a threshold behavior of Rossby waves

[HTML] copernicus.org

[N Nakamura](#) - 2020 - [meetingorganizer.copernicus.org](#)

... Unfortunately I do not have access to real-time data, either radiosonde or satellite so I cannot test this threshold for 'immediate' breakdown. ...
☆ Save 50 Cite Related articles All 3 versions 88

Do the Hamilton and Beveridge–Nelson filters provide the same information about output gaps? An empirical comparison for practitioners

[C Biolsi](#) - *Journal of Macroeconomics*, 2023 - Elsevier

... As stated above, I do not have access to real-time data, but I do construct vintages of the output gaps for each series (which I had utilized to assess each output gap series' reliability) to ...
☆ Save 50 Cite Cited by 2 Related articles All 3 versions

Self-play fine-tuning converts weak language models to strong language models

[HTML] arxiv.org

[Z Chen](#), [Y Deng](#), [H Yuan](#), [K Ji](#), [Q Gu](#) - arXiv preprint arXiv:2401.01335, 2024 - arxiv.org

... I do not have access to real-time data or information about the most recent economic growth of horsesham and nearby towns. However, according to the recent reports from various ...
☆ Save 50 Cite Cited by 24 Related articles All 3 versions 88

Enhancing Maternal and Infant Health: Improving Healthcare Access through Cultural Sensitivity and Community Engagement in Tigalingga, Daini Regency

[PDF] ristek.or.id

[S Amri](#), [RS Simbolon](#) - *Law and Economics*, 2023 - journals.ristek.or.id

... While I do not have access to real-time data, it's essential to note that maternal mortality rates in many regions, including Tigalingga, are often higher than desired due to a variety of ...
☆ Save 50 Cite Cited by 1 Related articles All 2 versions 88

Serbian Natural Gas Sector in a Gap Between East and West: ChatGPT Decision Support

[PDF] preprints.org

[D Brkić](#) - 2023 - preprints.org

... Answer by ChatGPT: "As an AI language model, I do not have access to real-time data and pricing information. However, according to the latest available information from 2021, Serbia ...
☆ Save 50 Cite Related articles All 2 versions 88

Google Gemini

Hello, Lauren

How can I help you today?

Create a 12-week study plan for learning a new language

Give me a beginner's guide to an activity

I'm sick and need help crafting a text message for my boss

Give me tips to help care for a tricky plant

Enter a prompt here

Gemini may display inaccurate info, including about people, so double-check its responses. Your privacy & Gemini Apps

Modify this response

Shorter

Longer

Simpler

More casual

More professional



Double-check response

POND

Practical application examples

POND

Acronym help!

You
If I upload text to you, can you tell me what acrnyms are used in it and how many times each is used?

ChatGPT
Yes, I can certainly help you identify and count the occurrences of acronyms in a text you provide. Please go ahead and upload the text, and I'll do my best to analyze it for acronyms and their frequencies.

You
Please let me know how many times each of the above is used?

ChatGPT
Certainly! Here's the count of how many times each acronym is used in the provided text:

1. JBSA-RND: 4 times
2. EO: 4 times

ChatGPT
Certainly! Here is the list alphabetized:

1. AICUZ= Air Force Civil Engineer Center
2. AQCR= air quality control region
3. AR= Army regulations

Here are some examples of humorous or fictional meanings for NEPA:

- Never Endangering Precious Animals
- No Excuses for Polluting the Atmosphere
- Nature's Environmental Protection Agency (playful reference to real environmental agencies)

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Summaries



You

Can you summary this in a short few sentences for a NEPA document "Revitalizing Our Nation's Commitment to Environmental Justice for All

By the authority vested in me as President by the Constitution and the laws of the United States of America, and in order to advance environmental justice, it is hereby ordered as follows:

Section 1



ChatGPT

Executive Order 14096, titled "Revitalizing Our Nation's Commitment to Environmental Justice for All," was issued to advance environmental justice and address disparities in environmental impacts on communities. The order emphasizes the need for clean air, water, and a healthy environment for everyone, highlighting the importance of justice, liberty, and equality. It calls for the implementation and enforcement of environmental and civil rights laws, pollution prevention, climate change mitigation, and cleanup of legacy pollution. The order aims to support culturally vibrant, sustainable communities with equitable access to housing, energy, and transportation. It acknowledges historical disparities, discrimination, and systemic barriers affecting communities, particularly those with low incomes or people of color. The order directs federal agencies to integrate environmental justice into their missions, analyze and address environmental impacts, engage communities, and develop strategic plans. It also emphasizes the importance of research, data collection, and analysis to inform policy

The logo for POND, featuring the word "POND" in a bold, white, sans-serif font. The letters are partially enclosed by a thick red border that forms a square shape around the text.

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Creating more focus time

L You
Write a short pleasant response to this "Hi Lauren."

L You
Can you write me a quick friendly out of office message?

◆ Organized Proofreading Checklist

Before you begin:

- General Formatting:

L Write a short thank you email to a panel of people that gave a presentation on wetland related laws

◆ Subject: Thank You - Wetland Law Presentation

Show drafts

POND

Fluff stuff

L You
Can you say this better than me? "

L You
Can you write a SMART goal about tracking NEPA projects progress?
✎

ChatGPT
SMART Goal: Over the next six months, implement a comprehensive system for tracking NEPA project progress. Develop a standardized project tracking template, ensuring it includes key milestones, deadlines, and responsible parties. Regularly update and review the tracker on a bi-weekly basis, addressing any potential delays or roadblocks promptly. Aim for a 20% improvement in project timeline adherence and utilize feedback from project teams to refine the tracking process further.

L Can you put together a SWOT analysis for a growing NEPA practice?

✦ **SWOT Analysis for a Growing NEPA Practice**

L What are some things I can ask my team after we change our QC process to make sure it is going well?

Show drafts ▾ 🔊

✦ Here are some questions you can ask your team to assess how the new QC process is going:

Process and Efficiency:

- **Clarity:** "Is the new QC process clear and easy to understand?"
- **Efficiency:** "Do you feel the new process is more efficient than the old one? If not, what aspects are slowing you down?"

POND

Reference help



You

What is the citation style of this reference? "TPWD. (2012b). Texas Conservation Action Plan- Texas Blackland Praries. Austin: Texas Parks and Wildlife Department."



ChatGPT

The reference you provided appears to follow a specific format commonly used in environmental and conservation literature. It includes the following elements:

- Author/Agency: TPWD (Texas Parks and Wildlife Department)
- Year: 2012
- Title: Texas Conservation Action Plan- Texas Blackland Prairies
- Place of publication: Austin

The citation style for this reference seems to be a combination of elements commonly found in various citation styles, such as APA (American Psychological Association) or MLA (Modern Language Association). However, it doesn't strictly adhere to any one specific style.

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POND

Meeting minutes



Otter.ai,
Zoom AI companion
Fireflies.ai
Fellow

POND

Conference abstracts/ social media

L Can you write a blurb making a contract where our consulting firm provides support services staff to the Georgia DOT for NEPA compliance sounds exciting in 150-300 words?



◆ Support GDOT's Infrastructure Development with NEPA Expertise

[Your Consulting Firm Name] is seeking qualified Support Services Staff to join our team in a collaborative effort with the Georgia Department of Transportation (GDOT). In this role, you will play a critical role in supporting GDOT's

L You can you write me a LinkedIn post to let people know I have a new role managing a team of staff completing DoD and transportation NEPAs?

ChatGPT
✦ Exciting Announcement! ✦

I'm thrilled to share that I've stepped into a new role as a manager overseeing a dynamic team responsible for completing Department of Defense (DoD) and transportation-related National Environmental Policy Act (NEPA) assessments!

L You Can you write me an abstract that is 250 words or less to present at a National Conference on the use of AI for NEPA professionals?

ChatGPT
Abstract:
The integration of Artificial Intelligence (AI) into National Environmental Policy Act (NEPA)

L Write a social media post promoting a lunch panel discussion on Wetland regulations at the firm I work for (Pond)

Show drafts ▾

◆ Dive into Wetland Regulations: Free Lunch & Panel Discussion at Pond!

Protecting our vital wetlands is important for the health of our communities and ecosystems. But navigating the complex world of wetland regulations can be challenging.

Join us at Pond for a **free lunch and panel discussion** to gain valuable insights on the latest wetland regulations!

Date: [Date of event]

🕒 Time: [Time of event] (Lunch served at [Time for lunch])

**** Location:**** [Location of event]



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When to rely on human element

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Community involvement

- Cannot provide human element to members of the public
- Could possibly help streamline some aspects



Environmental Justice

- Application will only be as good as the current census data
 - Ground truthing will always be needed as well as local coordination



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On sites with sensitive info

Need to have consideration of what we are sharing with tech

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POND

Financial Considerations

For time and materials projects, consider impact of AI during budgeting

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POND



Conclusion

