

Terra Incognita Project in progress (2025)

Shadow Annual cycle enigma – Many times in the last decade I used to say that the Annual cycle does not work for Gold, FOREX, and some others. In 2025, we have found that the Annual cycle is effective for these financial instruments as well. And it works in very special, very surprising way. With the help of Terra Incognita project supporters, we call this kind of a cycle “the Shadow Cycle”.

The Shadow Cycle approach is described in this video:

<https://youtu.be/Uu3FmNBawUw?si=PpRBUOim9EqISQnf>

Practical step-by-step explanation on how to work with Shadow cycles is provided In this video:

<https://youtu.be/TfcTzh6k8rU?si=ocJPrStgc0C4d6DL>

Wavelet analysis – We are back again in exploring the possibilities of Wavelet Technology.

Wavelets are a great tool to see the “life story of a cycle”. Not just to see how the cycle manifests itself in a certain chart, then work at its max capacity for one to several periods, and then finally goes into shadows. There is more in this approach. Wavelets show a historical evolution of cycles. Do you know that famous Juglar economical cycle in 1900s was more that 1 year shorter (10 years now vs 8.5 years in 1900)? The same story is for 40 months Kitchin inventory cycle. Why does it happen? We do not know why. Possibly, it is related to some demographic shifts.

Instead, we know now what technology should be applied to analyze this phenomenon. See here the explanation of the new, specially developed Timing Solution Wavelet module:

<https://youtu.be/MYsPAKPILUc?si=2-sj-nH3RzKxtvhy>

AI eXpert system – We launched this year another project – AI based eXperts. It is a technology that in many cases allows practically to automatize process of building forecast models:

<https://youtu.be/TLyU0LNU--s?si=ojsyJrzrayeGg2Qx>

Timing Solution roadmap podcast – In addition to research and the software development, as a part of Terra Incognita project, we have started this podcast. It is a summary of the process of building forecast models. It shows how to apply the most popular approaches among Timing Solution software customers. Find it here:

<https://youtube.com/playlist?list=PL8ngniouOTujHCctJk2eeysdHr-hUocWU&si=EzA-YKUcOyC6LbrS\>