

From: [Turner, Ed](#)
To: [Guinotte, John](#)
Cc: [Chris Gregory](#)
Subject: Re: Kernel Questions
Date: Thursday, February 23, 2017 12:12:22 PM

Thanks for the help John.

I just dug this up and will take a look.

<https://www.youtube.com/watch?v=E43UfVxj-W0>

<http://support.esri.com/technical-article/000012211>

I have ET Geo Wizard on my computer too that will do MC Polys, but I think Chris will have better luck with the kernels and heat runs for looking at home ranges and animal movements.

Thanks for looking for the web site on your end.

Ed

On Thu, Feb 23, 2017 at 11:08 AM, Guinotte, John <john_guinotte@fws.gov> wrote:
Hi Ed,

You have to have spatial analyst installed in Arc. Then run "kernel density". The settings is where it gets tricky and you can really impact the results by altering the input search radius and cell size. I found a really good website that shows this, but I can't seem to find it right now. I'll keep looking and pass it along.

Best, John

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On Thu, Feb 23, 2017 at 11:57 AM, Turner, Ed <ed_turner@fws.gov> wrote:

Hi John, I have a question about the kernels. I have not really worked with those in years following the old Hawth's tools use, except for the ones I attempted the other day on the wolverine and received funky results.

How did you run the heat maps and kernels the other day?

Did you run them in AM, using the Spatial Analyst Tools, Density functions?

I know there are all kinds of settings.

I ask, because we have one of our biologist staff at the Palm Springs office, Chris Gregory who needs to start running a series of analysis.

Any input you would, could be a help possibly.

I included Chris in the email just in case you have some advice.

Thanks, Ed

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