

Resources



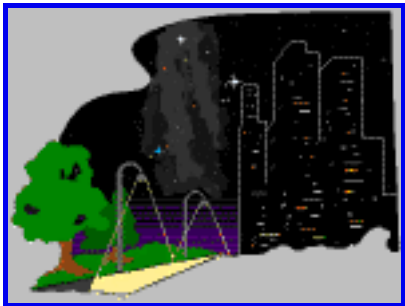
www.glpaweb.org/zencart5/index.php?main_page=product_info&cPath=2&products_id=29

The *Let There Be Night* DVDs, which feature two DVD discs of resources that support dark skies, are now available at cost from the [GLPA Online Store](http://www.GLPAOnlineStore.com). See www.LetThereBeNight.com/dvd.htm for more details about the DVDs.



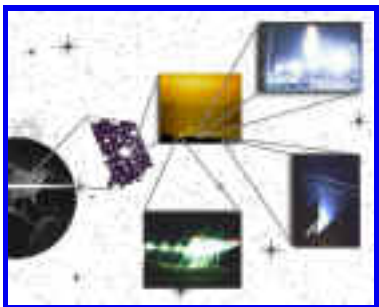
<http://www.darkskiesawareness.org/>

Dark Skies Awareness is a Cornerstone Project of the 2009 International Year of Astronomy. Lots of events are happening globally throughout the year that advocate for dark skies.



<http://www.darksky.org/>

The International Dark-Sky Association (IDA) thoroughly addresses lighting issues. This preeminent site for resources serves policymakers, educators, lighting engineers, and all dark sky advocates. See the [International Dark-Sky Association](http://www.darksky.org/) (IDA) for its model lighting ordinance (MLO), a list of suitable light manufacturers, information sheets, and a large collection of other resources.



<http://icole.home.att.net/>

The [Indiana Council on Outdoor Lighting Education \(ICOLE\)](http://www.icole.org/) publication entitled *Outdoor Lighting Practices in the State of Indiana* outlines "opportunities to save millions of dollars, reduce nuisance, improve safety, protect the environment, and preserve our natural heritage, through the effective use of outdoor lighting." The [ICOLE](http://www.icole.org/) website has many useful links that address lighting issues, including regulations and ordinances that are emerging across the country.



<http://www.springer.com/sgw/cda/frontpage/0,11855,1-10100-72-36486016-0,00.html>

Light Pollution Handbook, by Kohei Narisada and Duco Schreuder, 2004, 943 p., ISBN: 1-4020-2665-X "Constituting the first holistic overview including practical remedies, this handbook provides the background needed by anyone grappling with the complex issue of outdoor lighting and its effects," per the publisher. See Chuck Bueter's [Review of *Light Pollution Handbook*](#) at [review.htm](#).



<http://www.astrosociety.org/education/publications/tnl/74/74.html>

A Silent Cry for Dark Skies from the Universe in the Classroom series (No. 74-Winter 2008) presents examples of how the natural world is impacted by excessive outdoor lights. See also *Light Pollution – Universe in the Classroom* No. 44, Fall 1998, at

<http://www.astrosociety.org/education/publications/tnl/44/lightpoll.html>



<http://www.bobcrelin.com/author.html>

There Once Was a Sky Full of Stars, a children's book by Bob Crelin, "offers hope and encouragement by describing simple things we can all do to help bring back the stars." Available from [Sky Publishing](#).



<http://www.unihedron.com/projects/darksky/>

Hand-held Sky Quality Meter (SQM) from Unihedron quantifies sky glow in magnitudes per arc-second squared. See also [sqm.htm](#).

<http://groups.yahoo.com/group/OutdoorLighting-Forum/>

The OutdoorLighting-Forum is "an open exchange about outdoor lighting's design and use as it impacts upon modern life and degrades our connection to the night sky. The largest uncensored and most active forum on light pollution."



Projects and Activities

Educational activities for students and families support dark sky efforts.



<http://www.inquinamentoluminoso.it/dmsp/index.html>

The Night Sky in the World describes surveying and mapping of night sky with satellites; maps the effects of the light pollution on the night sky; predicts future effects of light pollution on the night sky; and maps the entire sky of individual sites.



<http://antwrp.gsfc.nasa.gov/apod/ap001127.html>

The earth seen at night shows vast amounts of wasted lighting lost to space.



<http://www2.nature.nps.gov/air/lightscapes/>

"National Parks hold some of the last remaining harbors of darkness and provide an excellent opportunity for the public to experience this disappearing resource... Natural lightscapes, including dark night skies, are an integral component of countless park experiences."



<http://www.starlight2007.net/>

Coalition of international agencies announces [Declaration in Defence of the Night Sky and the Right to Starlight](#).



<http://www.twan.org>

The World at Night features "a collection of stunning photographs and time-lapse videos of the world's most beautiful and historic sites against the nighttime backdrop of stars, planets and celestial events."



<http://www.flap.org/>

Fatal Light Awareness Program seeks to lessen the bird kills from poor outdoor lighting during bird migration.



http://science.nasa.gov/headlines/y2001/ast01nov_1.htm

NASA news article and streaming audio introduces light pollution.



<http://selene-ny.org>

The Sensible and Efficient Lighting to Enhance the Nighttime Environment (SELENE) mission is "to advocate better lighting practices in New York State and to ensure the passage of the The Healthy, Safe, and Energy Efficient Outdoor Lighting Act."



http://en.wikipedia.org/wiki/Light_pollution

Wikipedia, The Free Encyclopedia addresses light pollution issues.



The *PHM Planetarium & Air/Space Museum* in Mishawaka, IN, is a regional hub for public astronomy programs. Families regularly gather to witness celestial highlights throughout the year. Growing light pollution impairs the viewing of the fainter night sky features that these families now enjoy.



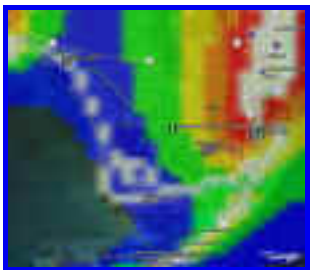
<http://www.urbanwildlands.org/Resources/LongcoreRich2004.pdf>

Paper addresses subtle ecological consequences of night lighting.



<http://darkskeycamping.googlepages.com/>

Best practices in illumination for the Boy Scouts; dark sky camping and the impact of light pollution on scout camps.



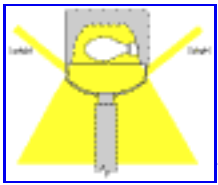
<http://www.trianglealumni.org/mcrol/nps.html>

National Park Service Class 1 Federal Areas - 1997 Study; shows the impact of light pollution on National Parks.



www.darkskysociety.org

The Dark Sky Society offers guidelines, diagrams, and other resources to abate light pollution.



www.lrc.rpi.edu/programs/NLPIP/lightinganswers/lightpollution/abstract.asp

The Lighting Research Center (LRC) offers light pollution *Questions & Answers*, including clarification and utility of terms such as "full cut-off" and "fully shielded."



<http://www.wickedelicate.com/thecitydark.html>

The City Dark film explores the practical and philosophical effects of light pollution as it follows an urban youth on his first trip out of the city to see the stars.



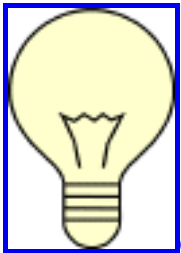
http://www.newyorker.com/reporting/2007/08/20/070820fa_fact_owen

The *New Yorker* magazine article sums up lighting issues in engaging article by David Owen.



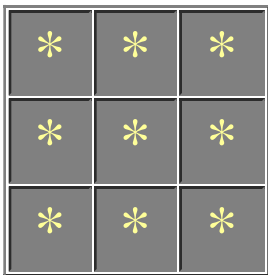
<http://www.candle-night.org/english/>

Candle Night, an initiative from Japan, encourages everyone to "turn off the lights, and take it slow" on the equinoxes and solstice.



[chain](#)

[Energy chain](#) illustrates how only about 1% of initial energy makes it from generator to roadway reflection.



[magnitudes.htm](#)

Illustrations convey the meaning of "magnitudes per square arcsecond."

www.nightwise.org

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