



**OUTBOUND #9 OCTOBER 11, 2018**

FLASH NEWS - Peter Kokh's 1<sup>st</sup> book,  
**“A Pioneer’s Guide to Living on the Moon”** ( pages)  
has been published by Amazon in both **Kindle** and **hard copy** versions.



**THE LONG JOURNEY FROM 1<sup>ST</sup> KNOWN HUMAN FOOT PRINT, 1.8 MILLION YEARS AGO IN KENYA, TO THE FIRST HUMAN FOOTPRINT ON THE MOON**

To purchase the book (\$19.99), or the Kindle version of it (\$9.99)

Go to [amazon.com](https://www.amazon.com)

Print version: <https://amzn.to/2Eg6g4h>

Ebook: <https://amzn.to/2yw0wx4>

To keep the price down, all color illustrations were put in black and white.

Next in line is “A Pioneer’s Guide to Living on Mars” and last:

**“Beyond Moon and Mars, a Pioneer’s Guide to the Rest of the Solar System”**

In these last two, I will put the color illustrations in a center section, the rest of the books printed in black and white whether or not the text or any originally color illustrations are included. So these books will be perhaps \$10 or so more, but a lot cheaper than printing the whole book in color.

We learn as we go along.

Peter

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*Basalt-based industries will open the Moon, and Mars too.*

*On the Moon, we have the one in a million good luck of finding a 100° wide basalt rich mare, just below a chain of craters partially filled with ice.*

*Basalt is also abundant on Mars. But we need a Mars Probe that can detect water ice 1-2 meters below the surface. If we find such (a) place(s) we will have hit a bonanza, and know where to put our first settlements.*

*Meanwhile, NASA’s attention is on other scholarly but irrelevant things.*

*Here on Earth, a revolution has begun in Russia, Ukraine, China, Viet Nam.*

*No! Not a political revolution! But “hello to basalt fiber, goodbye steel.”*

*Read this:*

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**Anything made of Basalt Fiber is superior to similar items made of Steel!**

WHY BASALT FIBER - <http://basalt.today/2017/02/9360/>

“The Only Green, Sustainable Alternative to Steel”

## 1. ✓ IT NEVER RUSTS

RockRebar® “never rusts” - the most important solution to modern construction technology & preventative maintenance due to expensive repairs.

## 2. ✓ IT WEIGHS LESS

RockRebar® is only 1/5th the weight and over 2.5 times stronger in tension than regular steel. *Creating saving on shipping cost, labor & safety on handling.*

## 3. ✓ CONSTRUCTION SAVINGS

RockRebar® does not require expensive heavy lifting cranes on job sites, creating additional savings and *easy to handle in remote construction sites where road access might be limited.*

## 4. ✓ STABLE CONDITIONS

RockRebar® is non-magnetic, non-conductive & UV stable, as well as *excellent in high voltage areas.*

## 5. ✓ NATURALLY COROSION RESISTENT

RockRebar® is naturally resistant to alkali, rust and acids. *Moisture penetration from concrete does not spall. Needs no special coating like steel or fiberglass rods.*

## 6. ✓ MARINE FRIENDLY

RockRebar® is perfect for marine environments and chemical plants where corrosion is a continuous problem. They are the only products in the marketplace that address “alkaline” and “PH”, allowing them to be used with salt water.

## 7. ✓ RADIO FREQUENCY TRANSPARENT

RockRebar® is transparent to radio frequency unlike that of steel.

## 8. ✓ STRONGER MATERIAL

RockRebar® is an alternative to steel and fiberglass concrete reinforcement. Made from volcanic rock, basalt rebar is stronger than steel and has a higher tensile strength.

## 9. ✓ LONG LIFE CYCLE

RockRebar®’s non-corrosive nature makes it extremely valuable in terms of lifecycle *requiring far less replacments* necessary and broadly applicable to the entire construction industry.

*Basalt fiber is replacing “King steel” It never rusts, Steel eventually does. #*

*WOW!! (Sorry, Pittsburgh!)*

*It is the availability of basalt near partially ice-filled craters in the Mare Frigoris area that will open the Moon (not either pole)*

*Now the trick is to identify a similar situation on Mars. Basalt is widespread on Mars but we need a probe that can detect water ice a meter or two below the surface, in or near a basaltic area. If we find one or more such sites, we will have opened the settlement door to Mars.*

*Meanwhile, NASA sits on its ass, brainstorming Mars missions to satisfy scholarly curiosity, ignoring missions that would prepare the way for human settlement of Mars.*

*What can space enthusiasts do to get NASA back on target?*

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