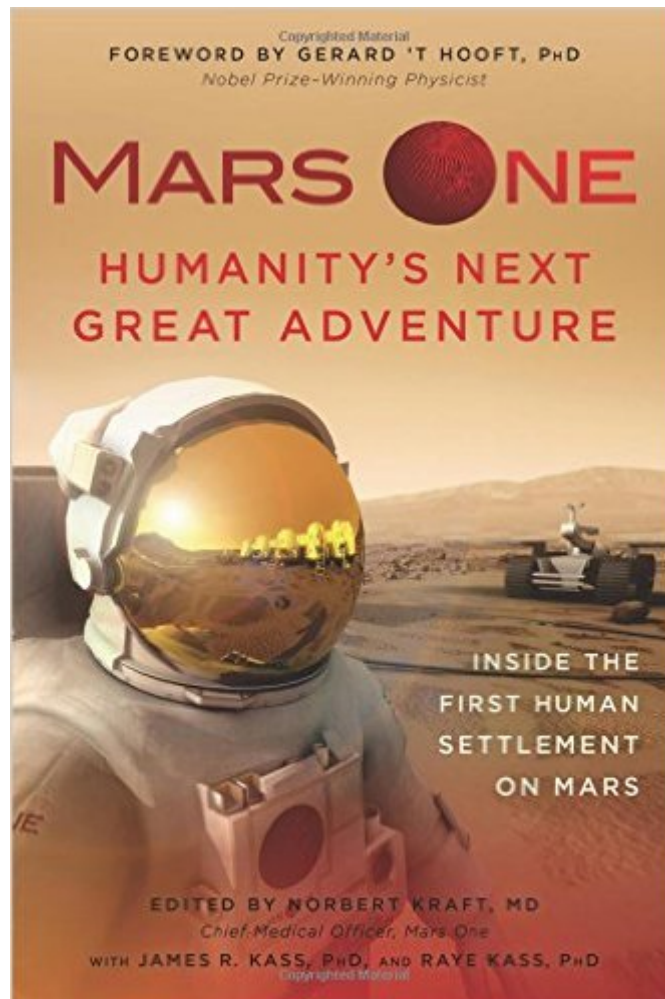


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Mars One: Humanity's Next Great Adventure: Inside The First Human Settlement On Mars



Synopsis

Human curiosity has led us to explore our solar system, landing on the moon and sending spacecraft to study distant planetary objects. The next step in our great adventure is putting humans on Mars, but what will it really take to achieve this? In 2011, Mars One announced its intentions to establish a permanent human settlement on Mars beginning as early as 2024; in 2013 it launched its astronaut-selection program and received thousands of applications. The highly anticipated Mars One documentary series will provide a window into the captivating details of the crew selection and training process, allowing the whole world to follow along as Marsâ™ first settlers prepare for their mission. Now, with Mars One: Humanityâ™s Next Great Adventure, you can step even further inside the experience of these astronaut pioneers and explore the various human dimensions of Mars Oneâ™s planned expeditions. Edited by Norbert Kraft, MD, Mars Oneâ™s Chief Medical Officer and head of crew selection and training, as well as crew selection and training committee members James R. Kass, PhD, and Raye Kass, PhD, this collection of essays from scientists, psychologists, and more provides a behind-the-scenes look at the process and criteria used to choose candidates, fascinating details about what theyâ™ll learn, and predictions about their future lives on Mars. Inside, youâ™ll find in-depth discussions of: The essential skills and training the Mars One astronauts will need to journey to and then survive on Mars, from technical and medical know-how to the interpersonal skills necessary for working in confined quarters so far from home. The challenges of going through the selection and training process while being watched by millions around the world, and what Mars One hopes watching the process will mean for viewers at home. Inside information, including images, on the planned Mars One habitats and colonization timeline. What settlers can expect on Mars, from daily work activities in a hostile environment to communication with Earth and options for leisure time. The book also includes excerpts from candidate questionnaires, allowing readers to enter the minds of prospective Martians like never before.

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Customer Reviews

Think about this: in our lifetimes, a human settlement will be established on Mars. Science fiction is becoming science fact! My parents and grandparents, when they were children, probably couldn't have imagined men walking on the surface of the moon, much less Mars. The team at Mars One is in full preparation mode to send the first group of settlers to Mars in ten short years! To give some background, and to look forward to the task at hand, Norbert Kraft, Mars One Chief Medical Officer, has edited Mars One: Humanity's Next Great Adventure. Space travel insiders, including some involved in Mars One, have written a collection of essays about the realities of a one-way mission to Mars. Here's what impressed me about Mars One. This isn't a speculative book. It's real. The selections are written by people who have worked in space exploration and development, who have trained astronauts, who have led missions, and who have technical, scientific, and personal experience with space exploration. This is not sci-fi. Interspersed among the essays are short selections quoting Mars One applicants. The astronauts selected for a one-way trip to establish a human presence on Mars will be heroes. I appreciated hearing their thoughts about leaving Earth behind and establishing a human legacy on a new world. One interesting part of Mars One's plan is taping a reality show of the selection and training of the astronauts, as well as of the mission itself. I was reminded of John Olson and Randy Ingermanson's novel Oxygen, which is the closest portrayal I have read to the mission Mars One envisions. Their mission was broadcast for general consumption, and partially funded by network ad revenue.

Even if you've flown economy across the Pacific on that horrendous 20 hour flight, you still can't imagine a seven month flight to Mars. First you audition. You and 203 thousand others. Then you train, for ten years. Finally, you travel to Mars, about 15 years after you paid the initial application fee. When you arrive, (in your zero gravity-weakened state) you have to set up shelters and systems you can't survive without. Oh, and it's a one way trip. There is no return craft or fuel, and if you've lived on Mars any length of time, your organs couldn't cope with the

pressures and gravity of Earth. And the punchline? This is a televised reality show. Not with idiotic tests and diversions. You can't be voted out and sent home from Mars. Nobody wins a million. And there is (blissfully) no confessional. But everything you say and do will be edited into a package the whole world will watch " until you die. From this uncomfortable scenario many questions arise. Enough to fill a book. This book. Mars One is a well-designed book, with chapters by true experts from the company. They tackle space travel, life on Mars, physiological changes and problems from prolonged weightlessness followed by the weak gravity and high radiation of Mars. Also the equipment and furnishings, how to keep from getting depressed or going crazy, and how to prepare to run out your life with 23 people on another planet. Mars One has it covered. If you're into space travel, this is as close to real as it gets. The company doing it is nothing if not thorough. They will send landers ahead to test them and deliver equipment. They will launch satellites to provide internet service " albeit with a seven minute delay. Rovers will scout for the best place to set up.

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